



IDAHO DEPARTMENT OF HEALTH & WELFARE
DIVISION OF PUBLIC HEALTH

Reportable Diseases and Conditions

Epidemiology Program
Bureau of Communicable Disease Prevention

Data are updated as of 12/31/2015

Most disease trends begin with data reported during calendar year 1987. Electronic disease case investigation data management began in 1987 with implementation of the National Electronic Telecommunications System for Surveillance (NETSS), later replaced by the National Notifiable Disease Surveillance System (NNDSS) in 2005.

Idaho incidence rates are calculated using population estimates published by the U.S. Census Bureau. Prior to 2005, annual rates were recalculated if the U.S. Census Bureau population estimates were revised. This practice has been discontinued and the population estimate used to calculate incidence rates are provided.

United States rates are from the most recent Centers for Disease Control and Prevention (CDC) publication *MMWR Summary of Notifiable Diseases, United States* (<http://www.cdc.gov/mmWR/summary.html>).

Provisional 2014 U.S. data published in MMWR Vol. 64, No. 36 September 18, 2015

Definitions and Methods

Incidence: The number of instances of illness commencing, or of persons falling ill, during a given period of time in a specific population.

Incidence rate: The rate at which new events occur in a population. The numerator is the number of new events that occur in a defined period (incidence); the denominator is the population at risk of experiencing the event during this period.

For data presented here, incidence rates represent the rate per 100,000 population. The following formula is used to calculate annual incidence rates:

$$\frac{\text{Number of cases of disease reported during the calendar year}}{\text{Number of persons living in Idaho during the calendar year}} \times 100,000$$

Annual incidence rates are not presented if disease incidence over the time period has generally been less than 5 cases per year.

For annual statewide counts of disease (incidence) and by smaller geographic areas (e.g., county), please see the Annual Idaho Reportable Disease Summaries.

U.S. Census Bureau estimates for Idaho population used to calculate incidence rates

July 1, 1987: 984,997

July 1, 1988: 985,664

July 1, 1989: 994,416

July 1, 1990: 1,006,734

July 1, 1991: 1,011,882

July 1, 1992: 1,038,915

July 1, 1993: 1,066,490

July 1, 1994: 1,101,204

July 1, 1995: 1,165,000

July 1, 1996: 1,187,706

July 1, 1997: 1,210,638

July 1, 1998: 1,230,923

July 1, 1999: 1,251,700

July 1, 2000: 1,299,721

July 1, 2001: 1,320,585

July 1, 2002: 1,341,131

July 1, 2003: 1,366,332

July 1, 2004: 1,393,262

July 1, 2005: 1,407,060

July 1, 2006: 1,428,666

July 1, 2007: 1,450,503

July 1, 2008: 1,523,816

July 1, 2009: 1,545,801

July 1, 2010: 1,567,582

July 1, 2011: 1,584,985

July 1, 2012: 1,595,728

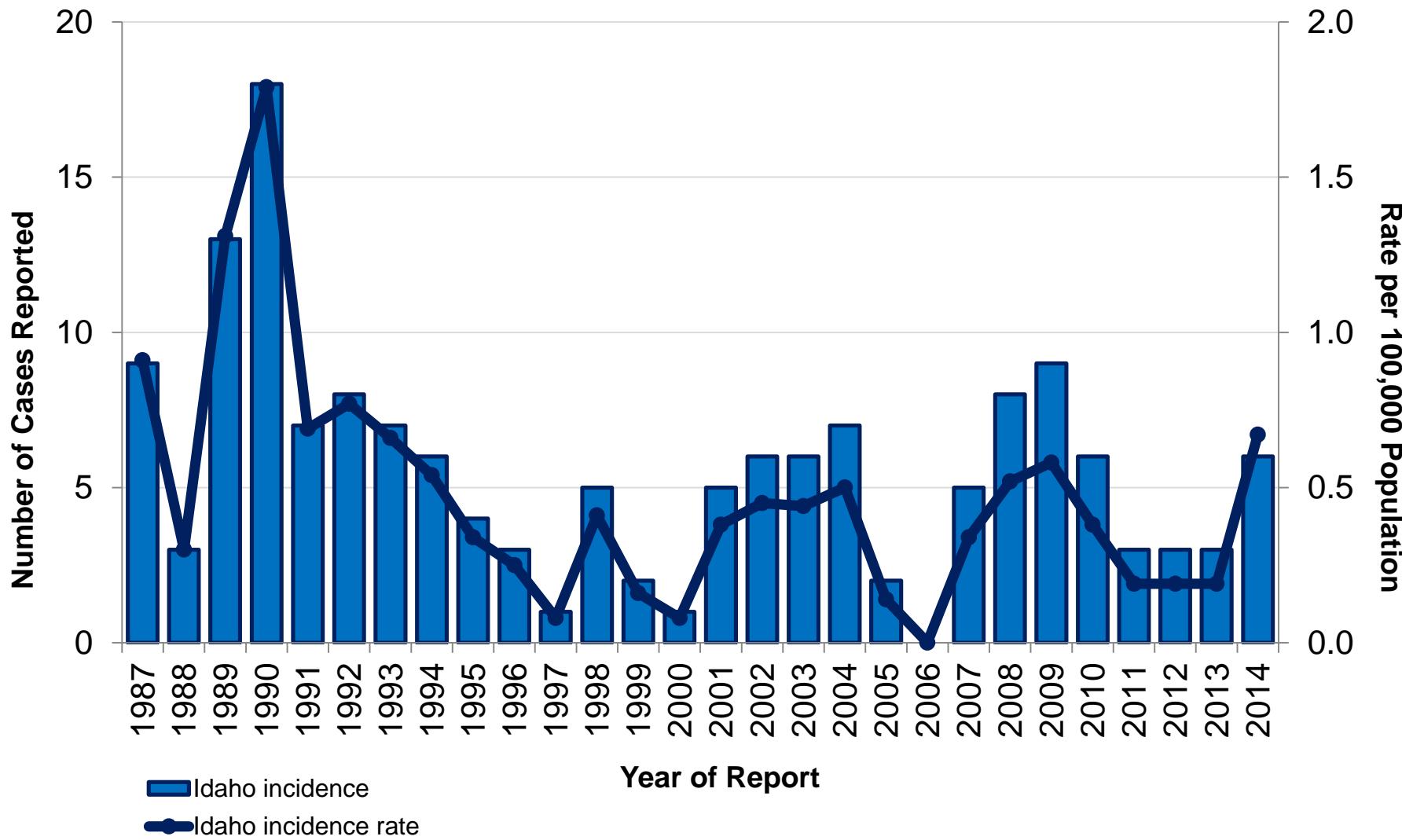
July 1, 2013: 1,612,136

July 1, 2014: 1,634,464

Source: <http://www.census.gov>

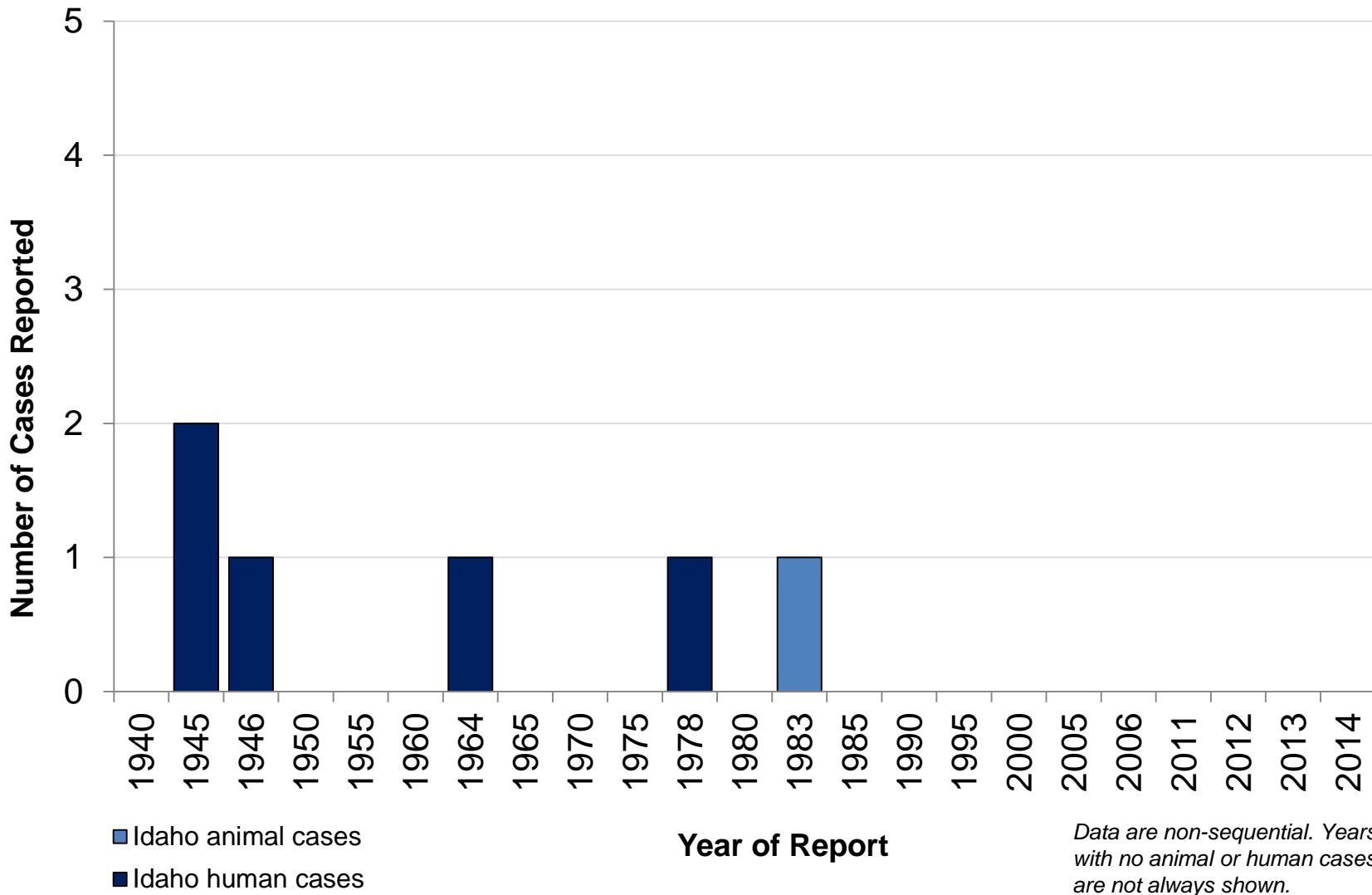
Amebiasis

Cases and rate of disease per 100,000 population: Idaho, 1987 - 2014



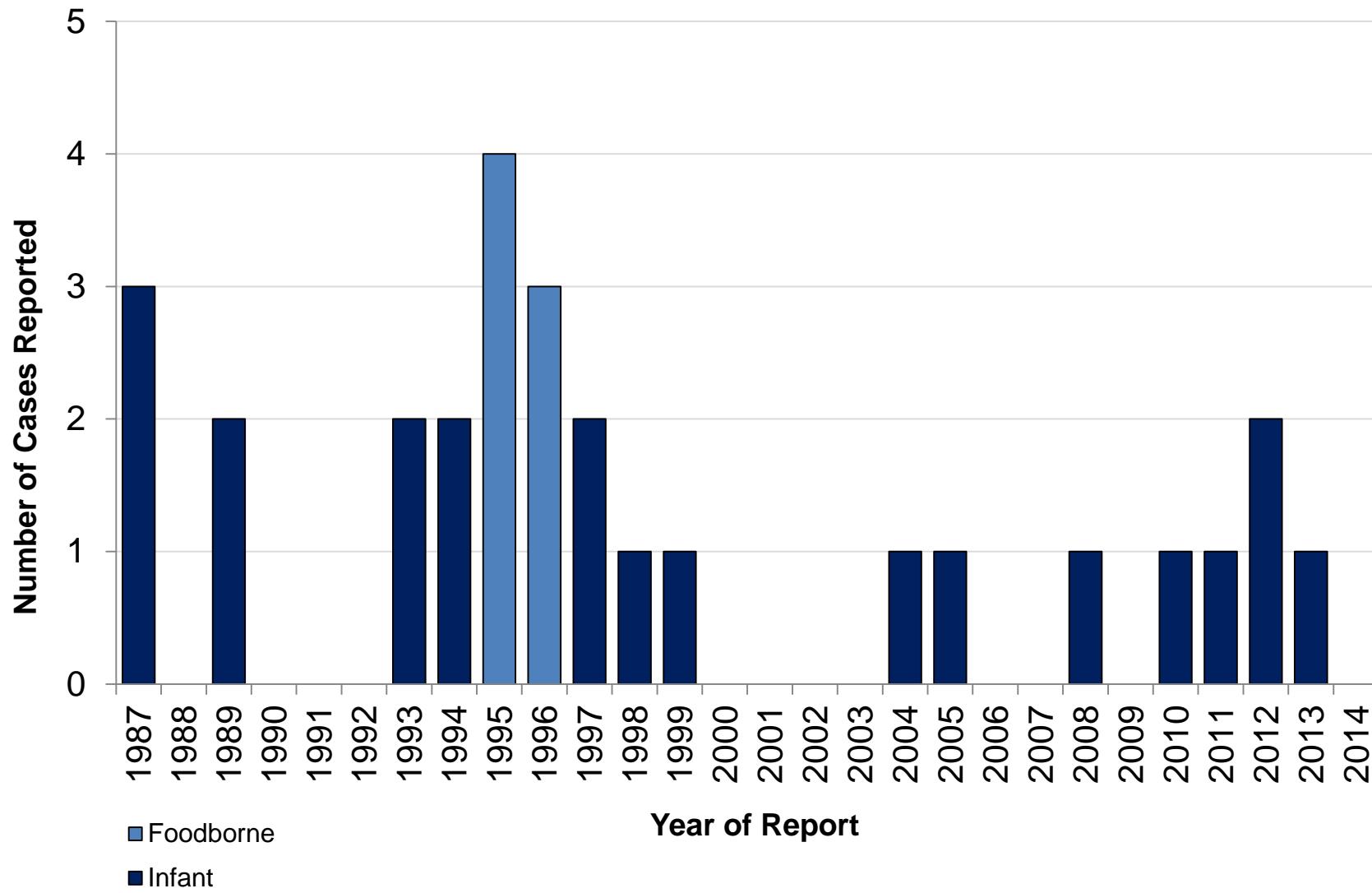
Anthrax

Human and animal cases: Idaho, 1940 - 2014



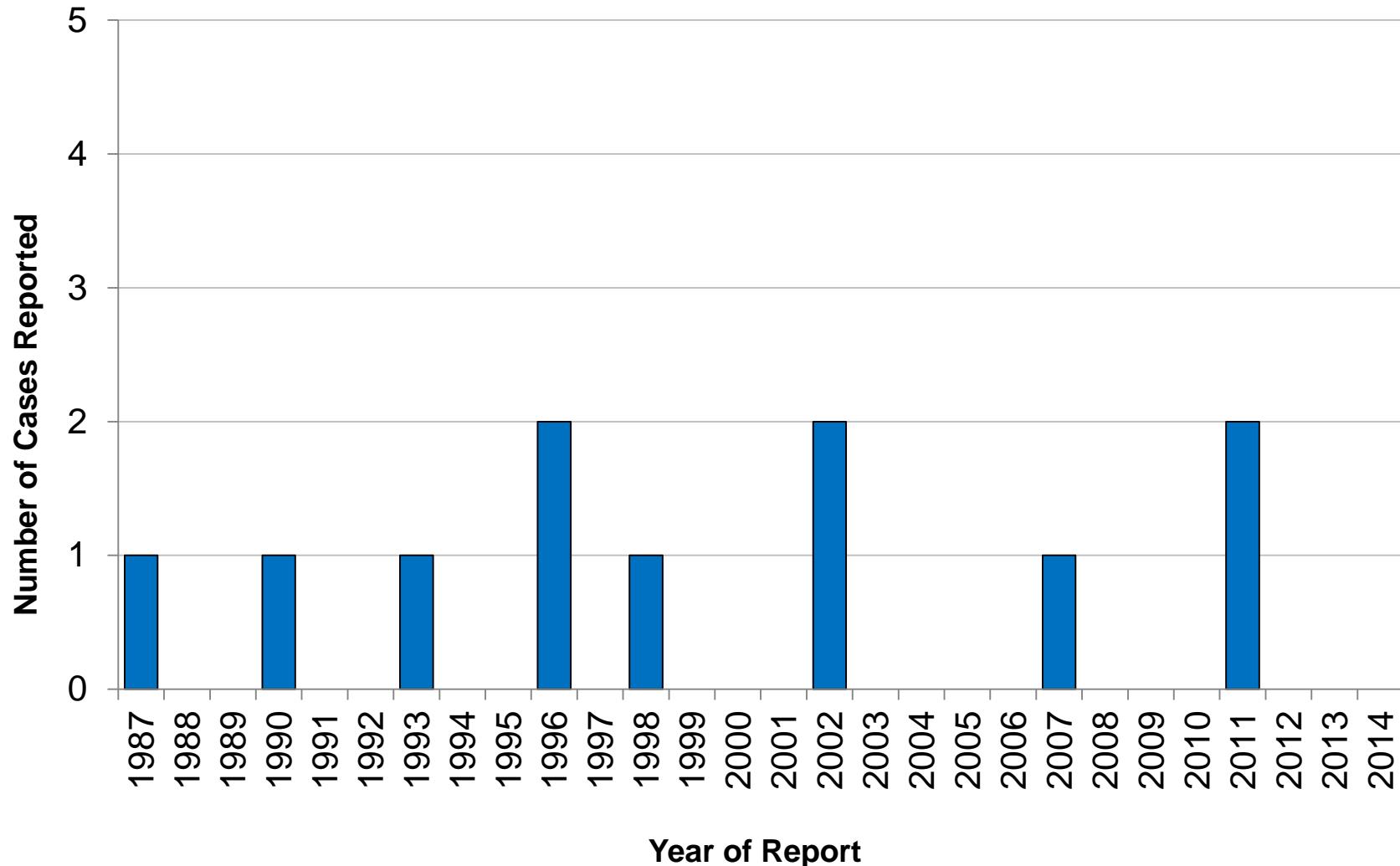
Botulism

Cases: Idaho, 1987 - 2014



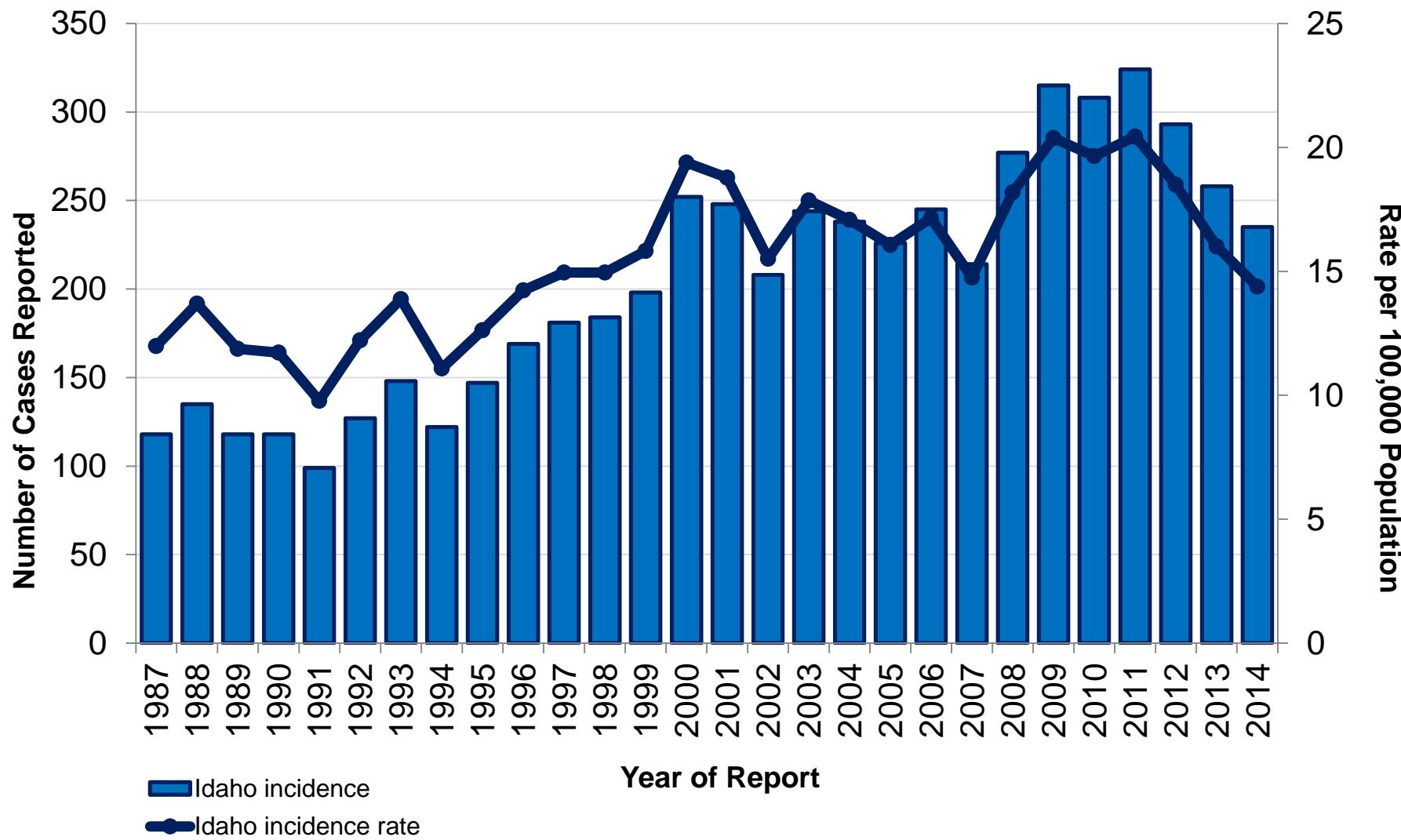
Brucellosis

Cases: Idaho, 1987 - 2014



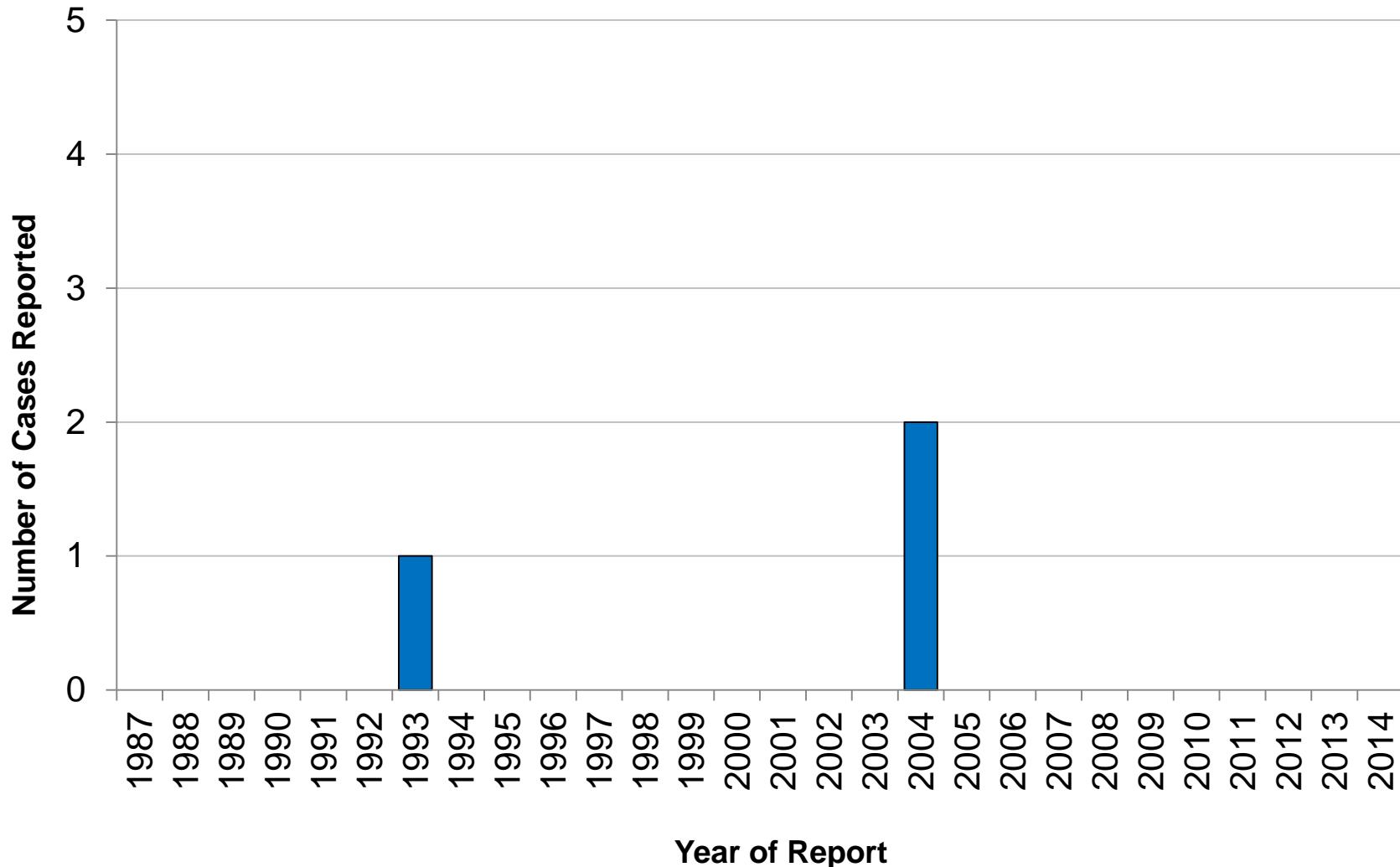
Campylobacteriosis

Cases and rate of disease per 100,000 population: Idaho, 1987 – 2014



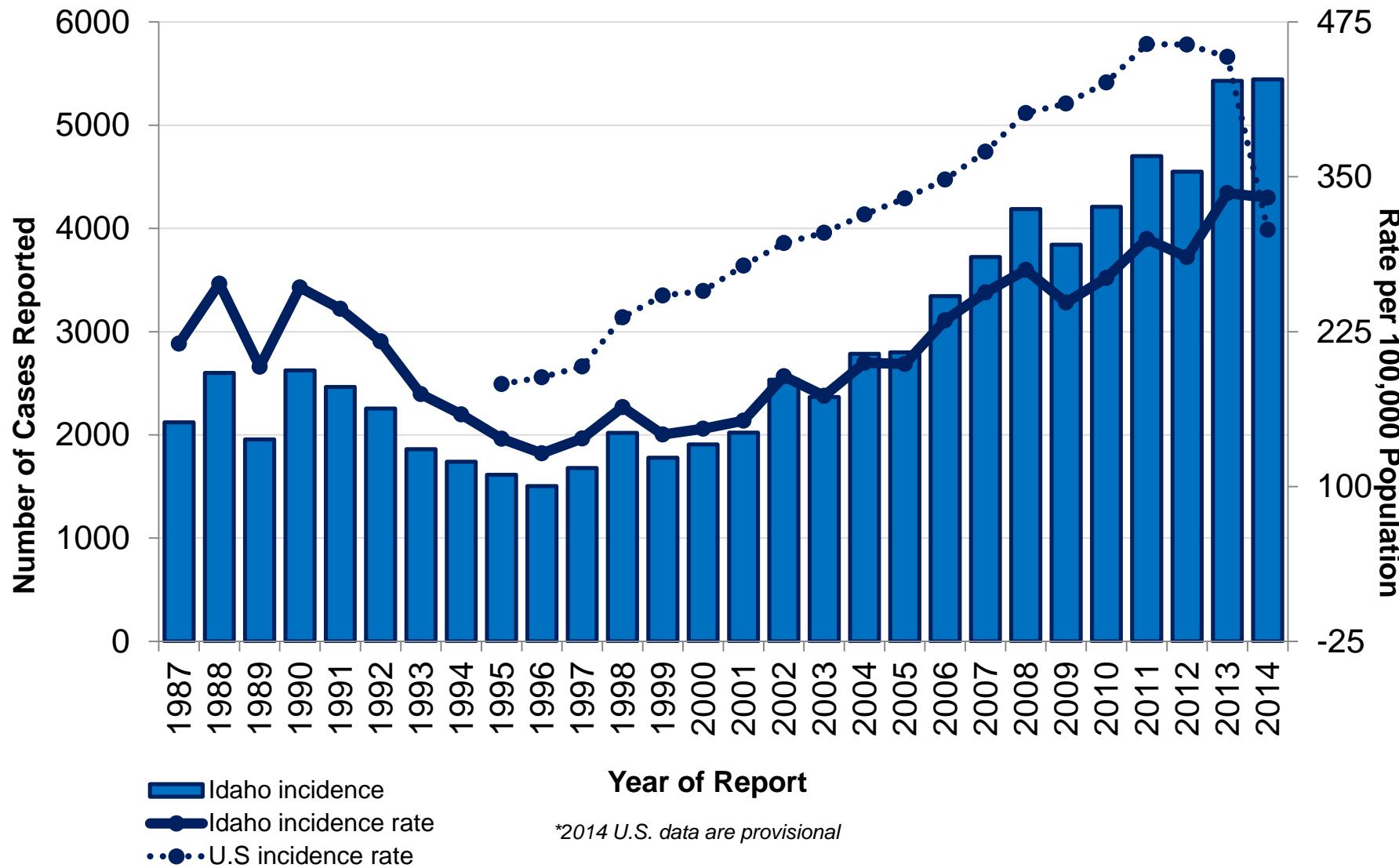
Chancroid

Cases: Idaho, 1987 - 2014



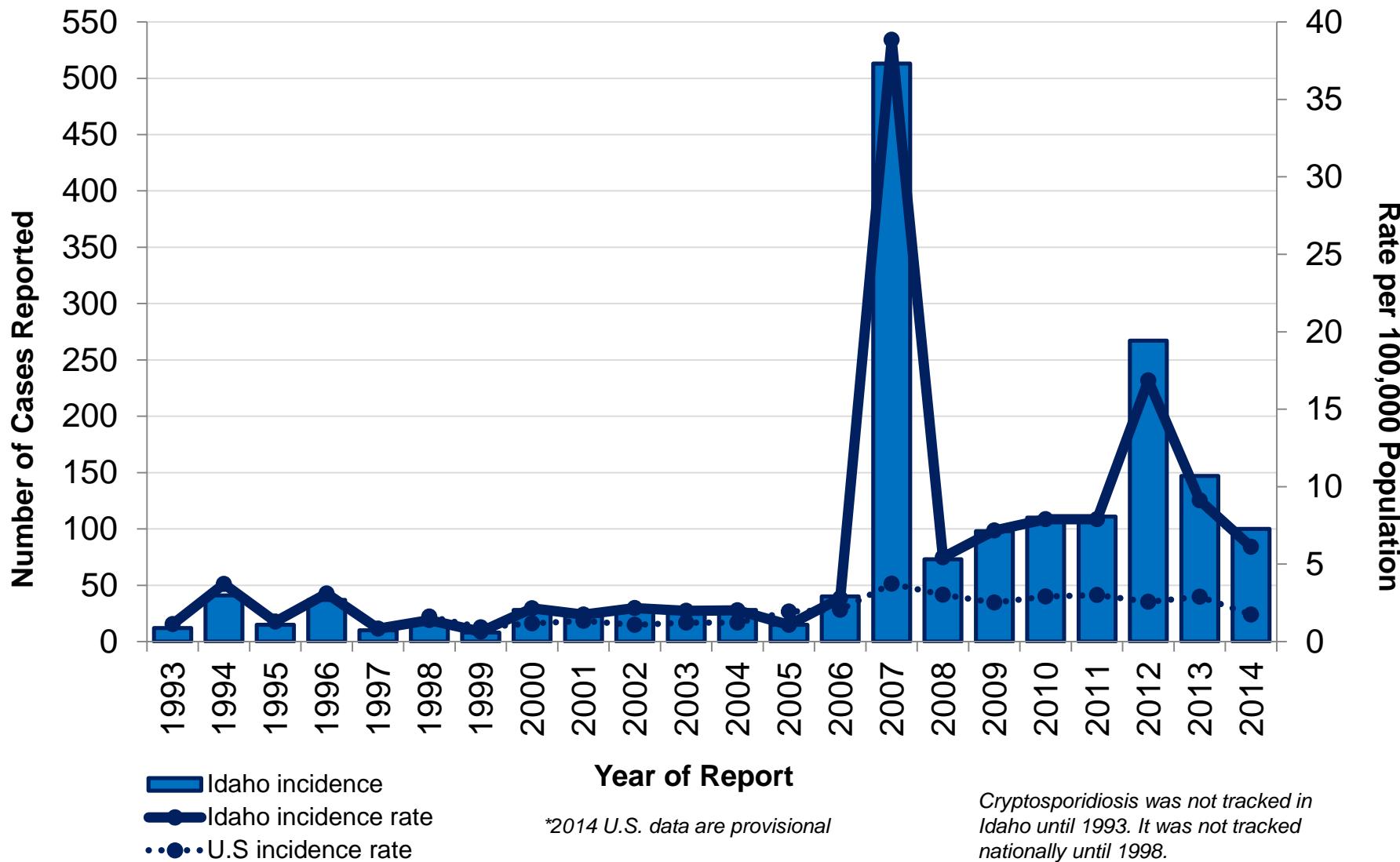
Chlamydia

Cases and rate of disease per 100,000 population: Idaho and U.S., 1987 – 2014*



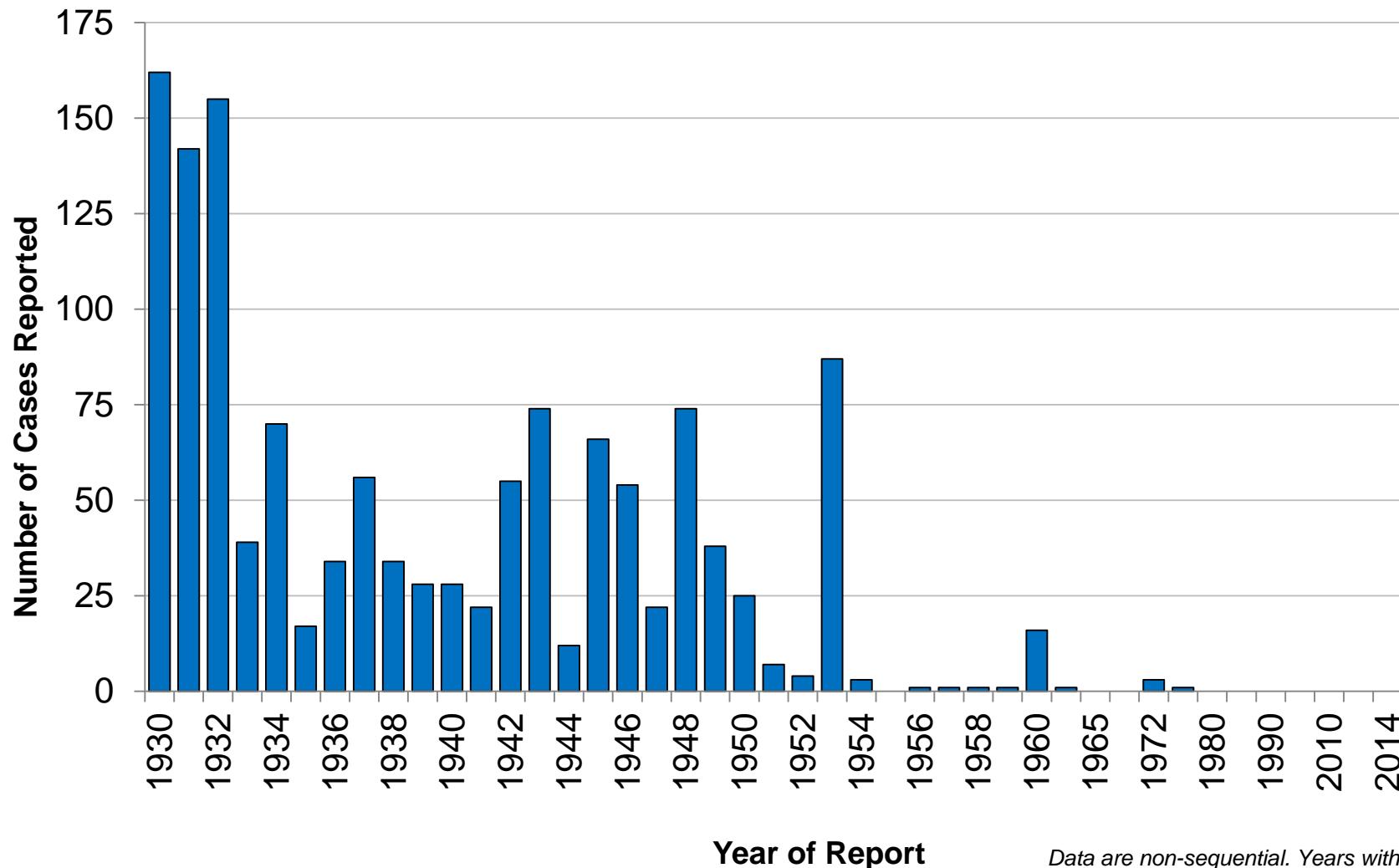
Cryptosporidiosis

Cases and rate of disease per 100,000 population: Idaho and U.S., 1993 – 2014*



Diphtheria

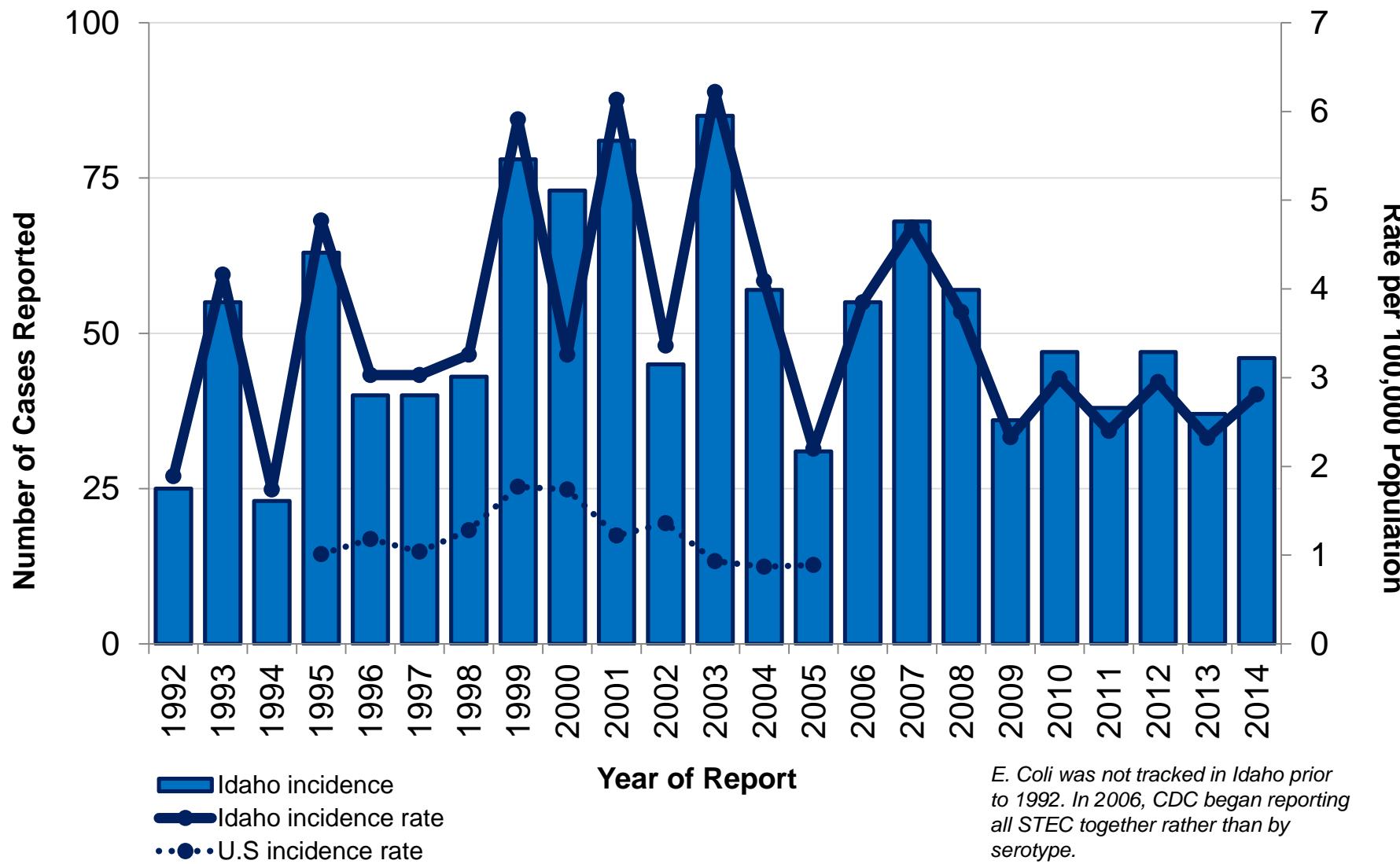
Cases: Idaho, 1930 - 2014



Data are non-sequential. Years with no cases are not always shown.

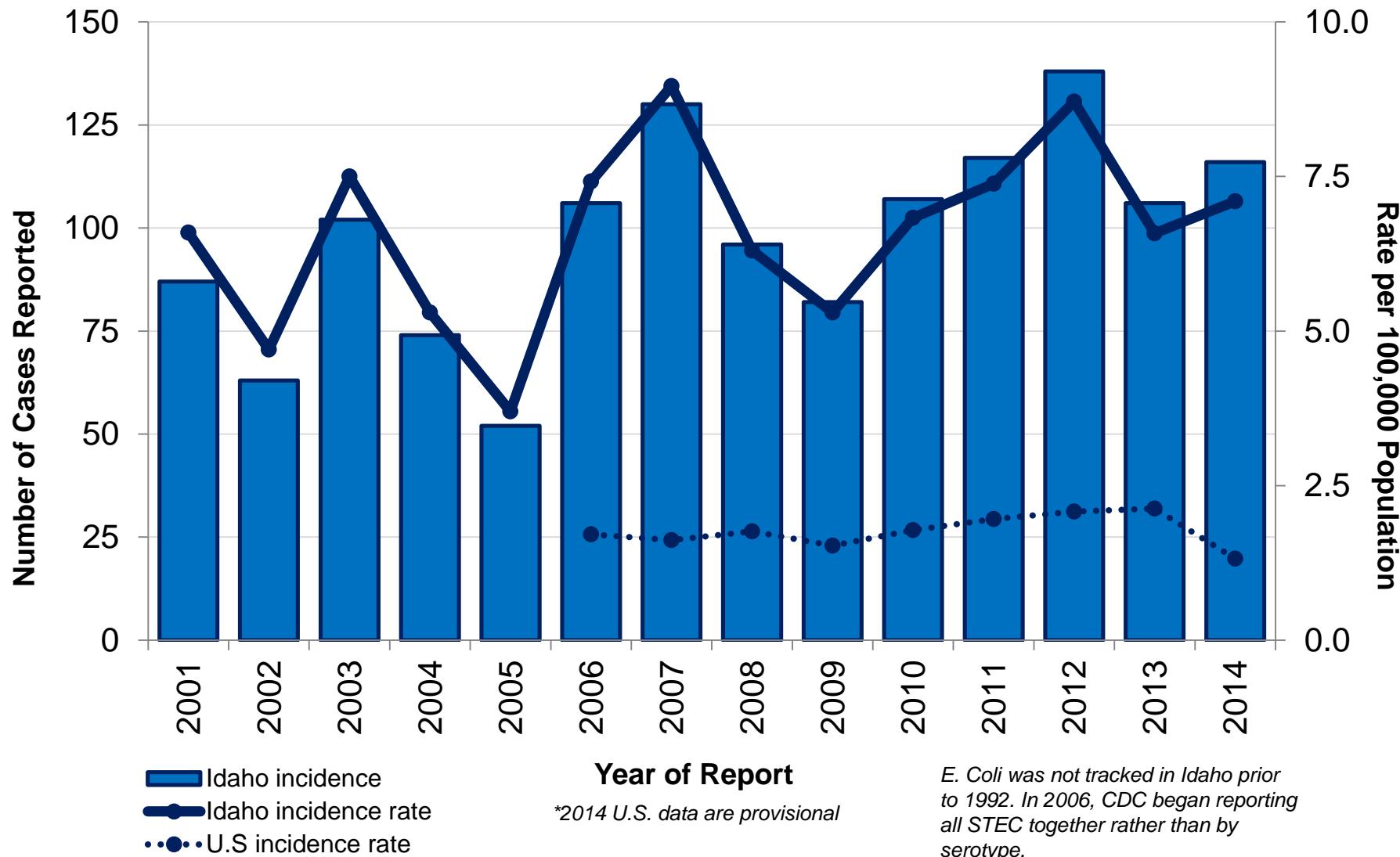
E. Coli O157:H7

Cases and rate of disease per 100,000 population: Idaho and U.S., 1992 - 2014



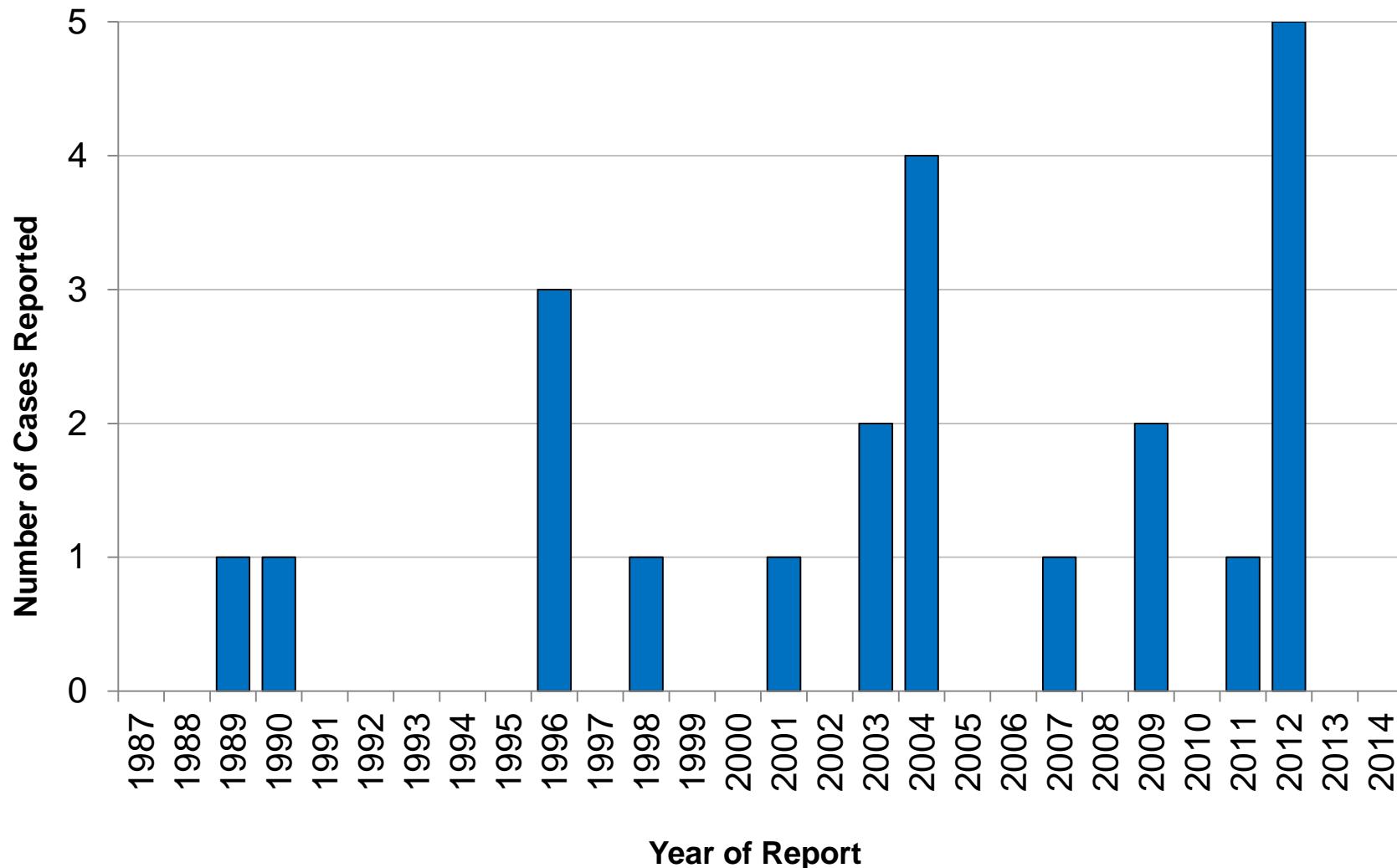
E. Coli STEC

Cases and rate of disease per 100,000 population: Idaho and U.S., 2001 – 2014*



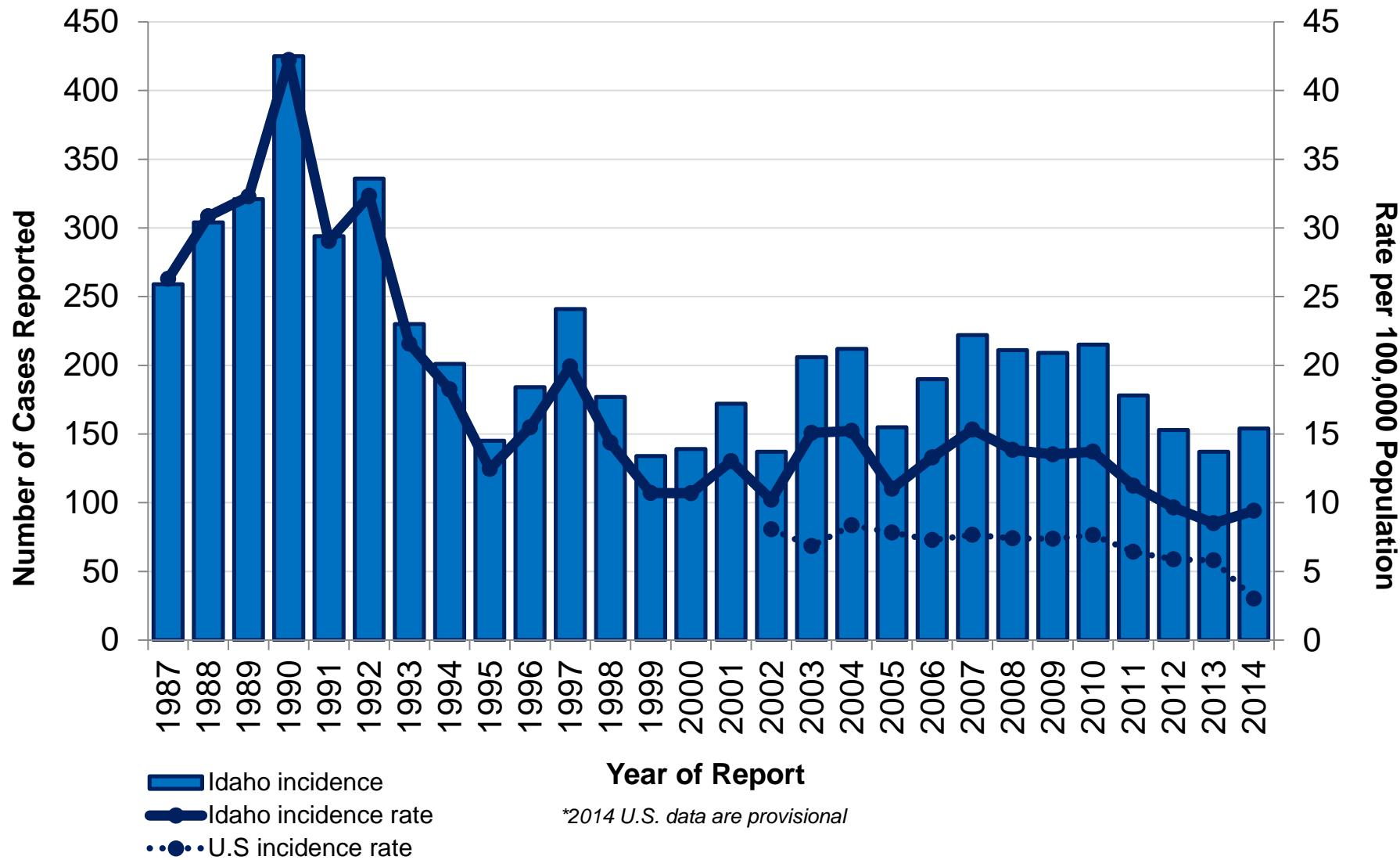
Encephalitis, viral or aseptic

Cases: Idaho, 1987 - 2014



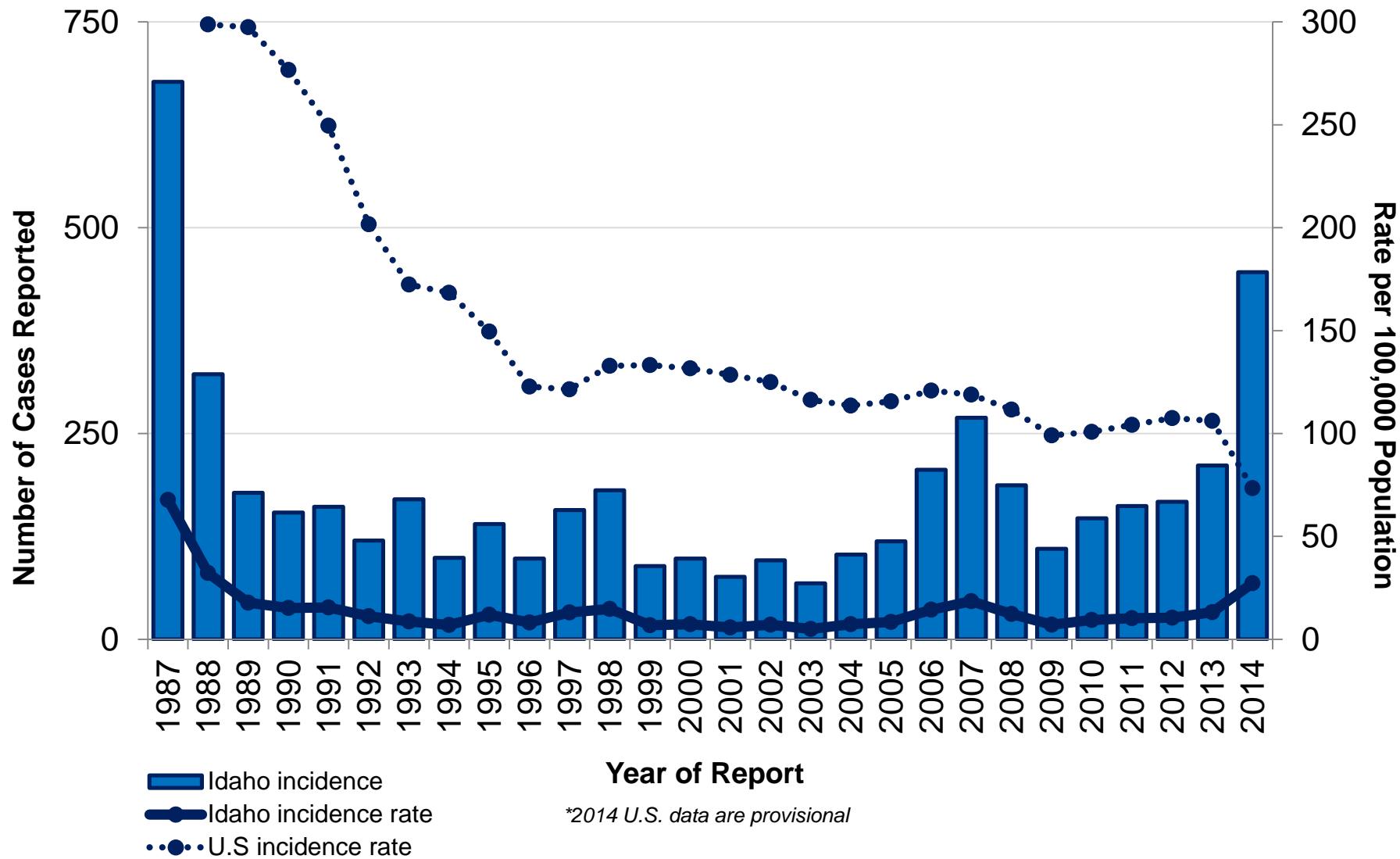
Giardiasis

Cases and rate of disease per 100,000 population: Idaho and U.S., 1987 – 2014*



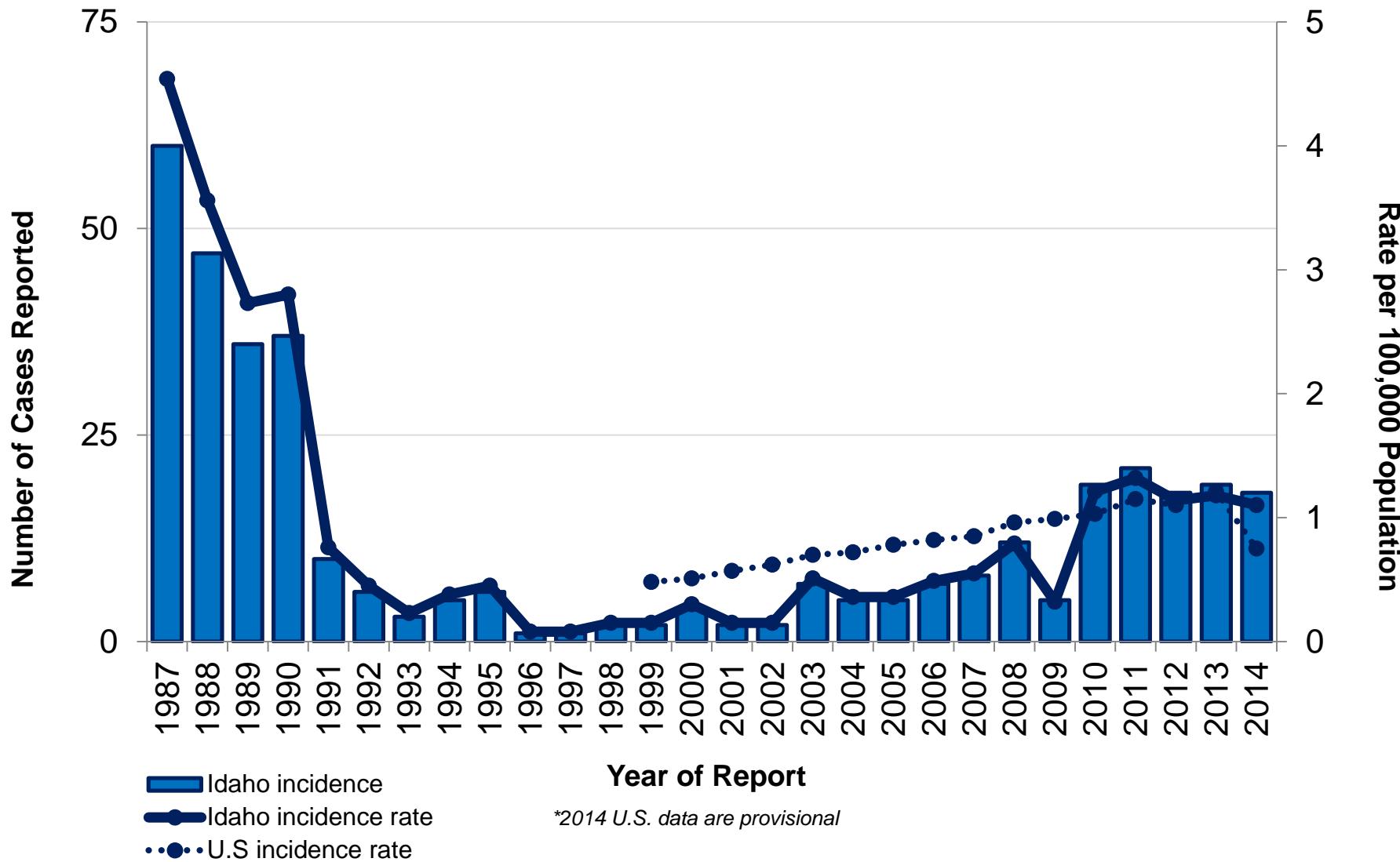
Gonorrhea

Cases and rate of disease per 100,000 population: Idaho and U.S., 1987 – 2014*



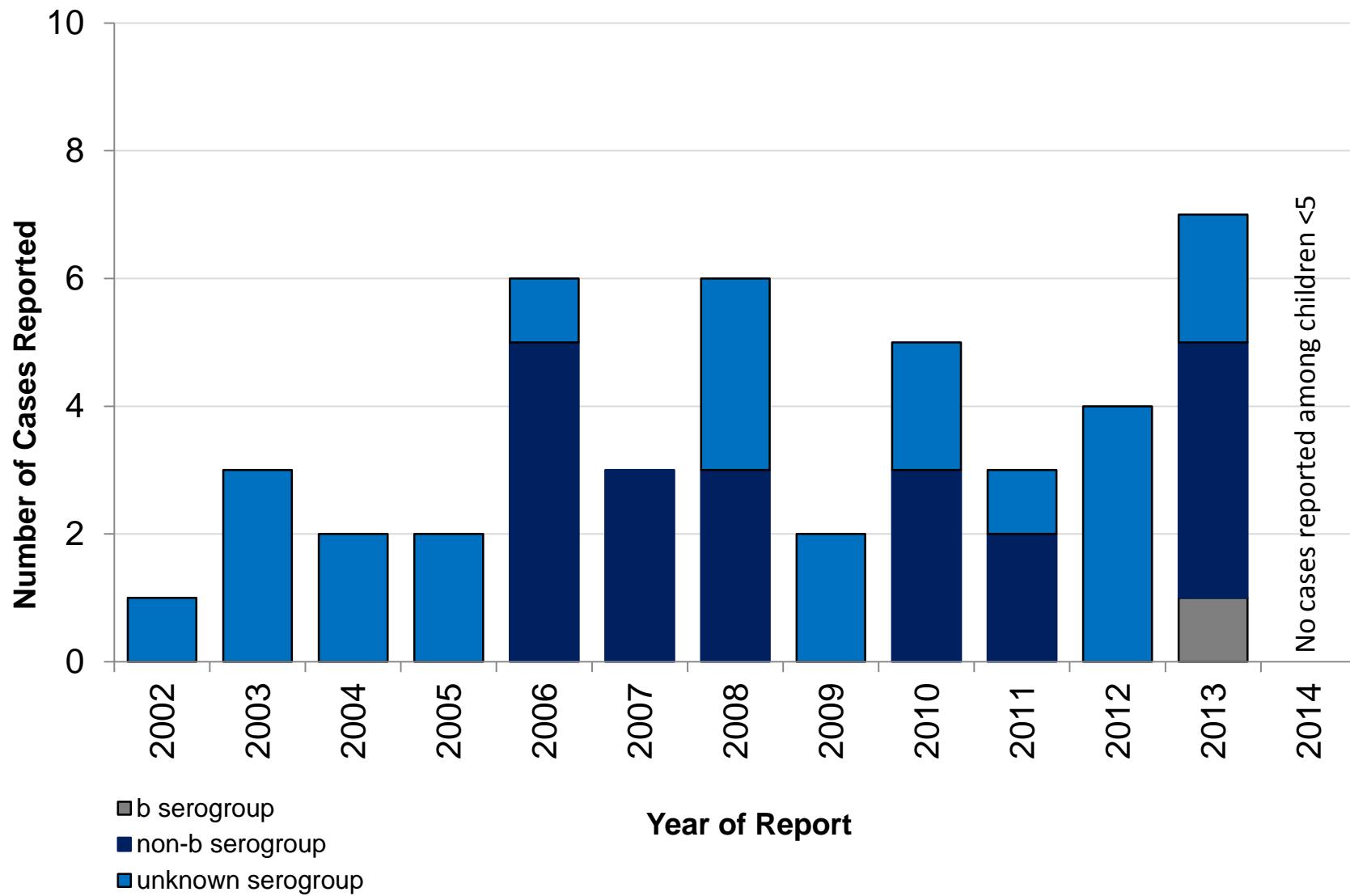
Haemophilus influenzae invasive disease

Cases and rate of disease per 100,000 population: Idaho and U.S., 1987 – 2014*



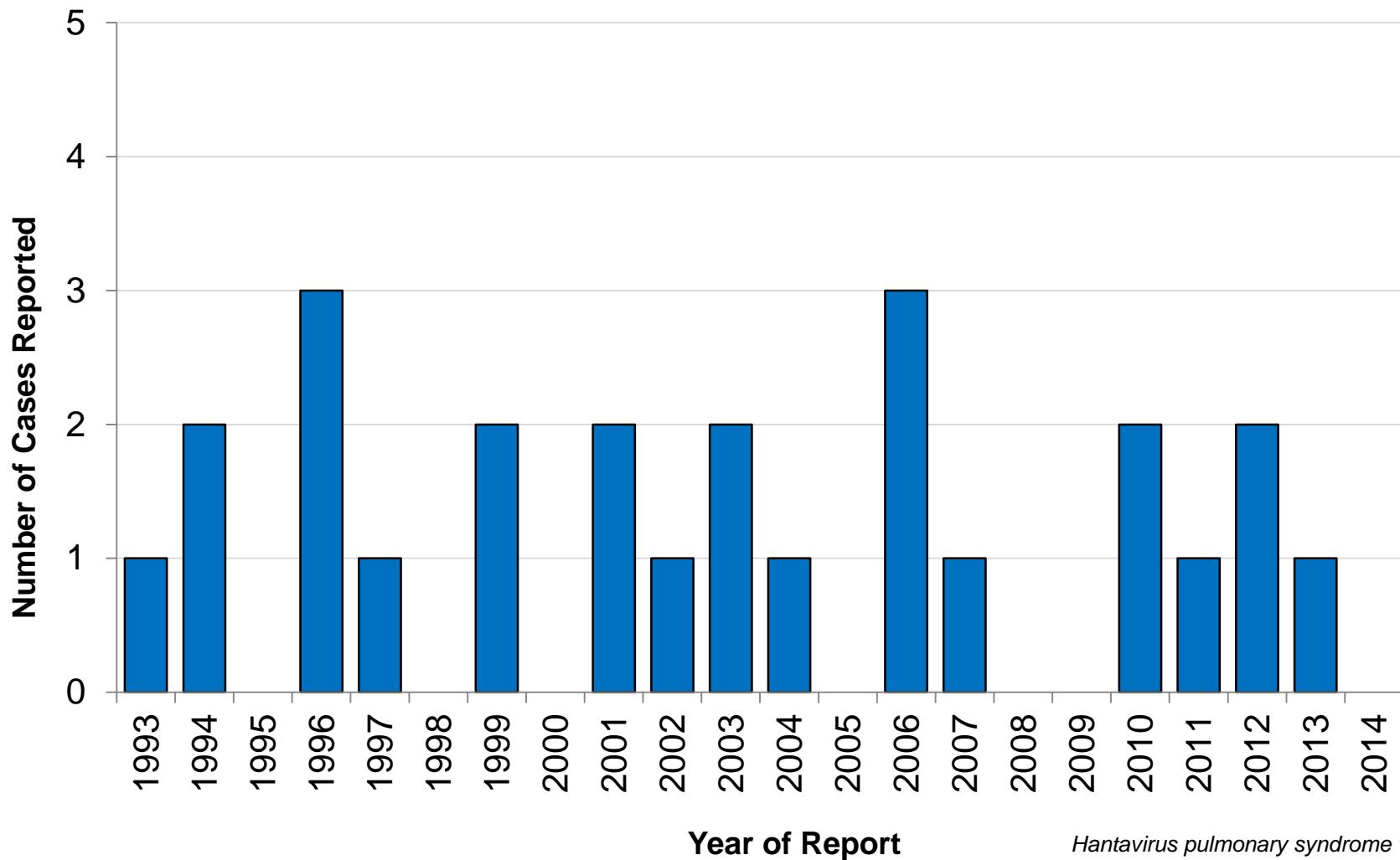
Haemophilus influenzae invasive disease

Cases among children <5 years of age by serogroup*: Idaho, 2002 - 2014



Hantavirus Pulmonary Syndrome

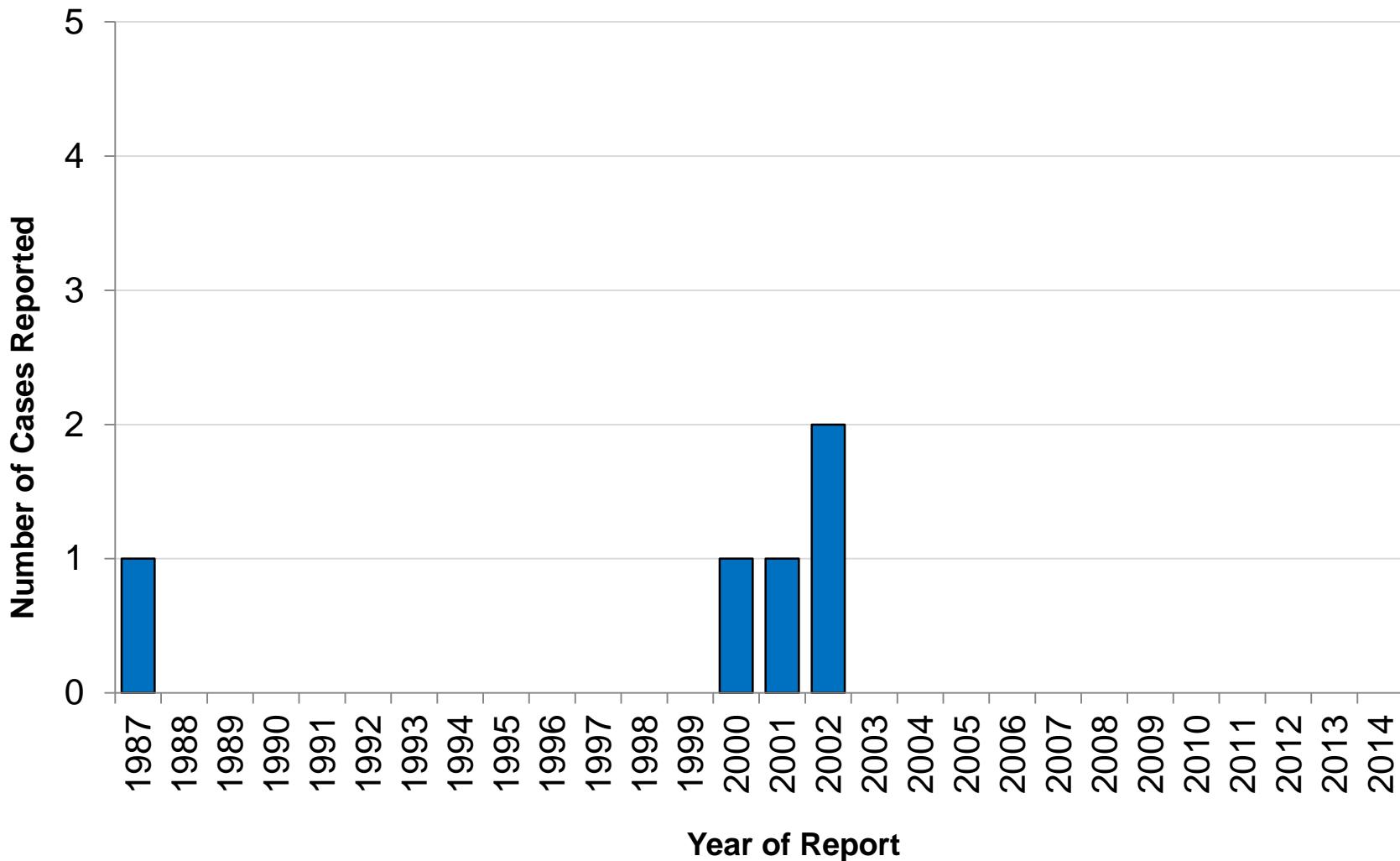
Cases: Idaho, 1993 - 2014



Hantavirus pulmonary syndrome was recognized nationally in 1993. Some cases have been recognized retrospectively, including one 1978 case (data not shown).

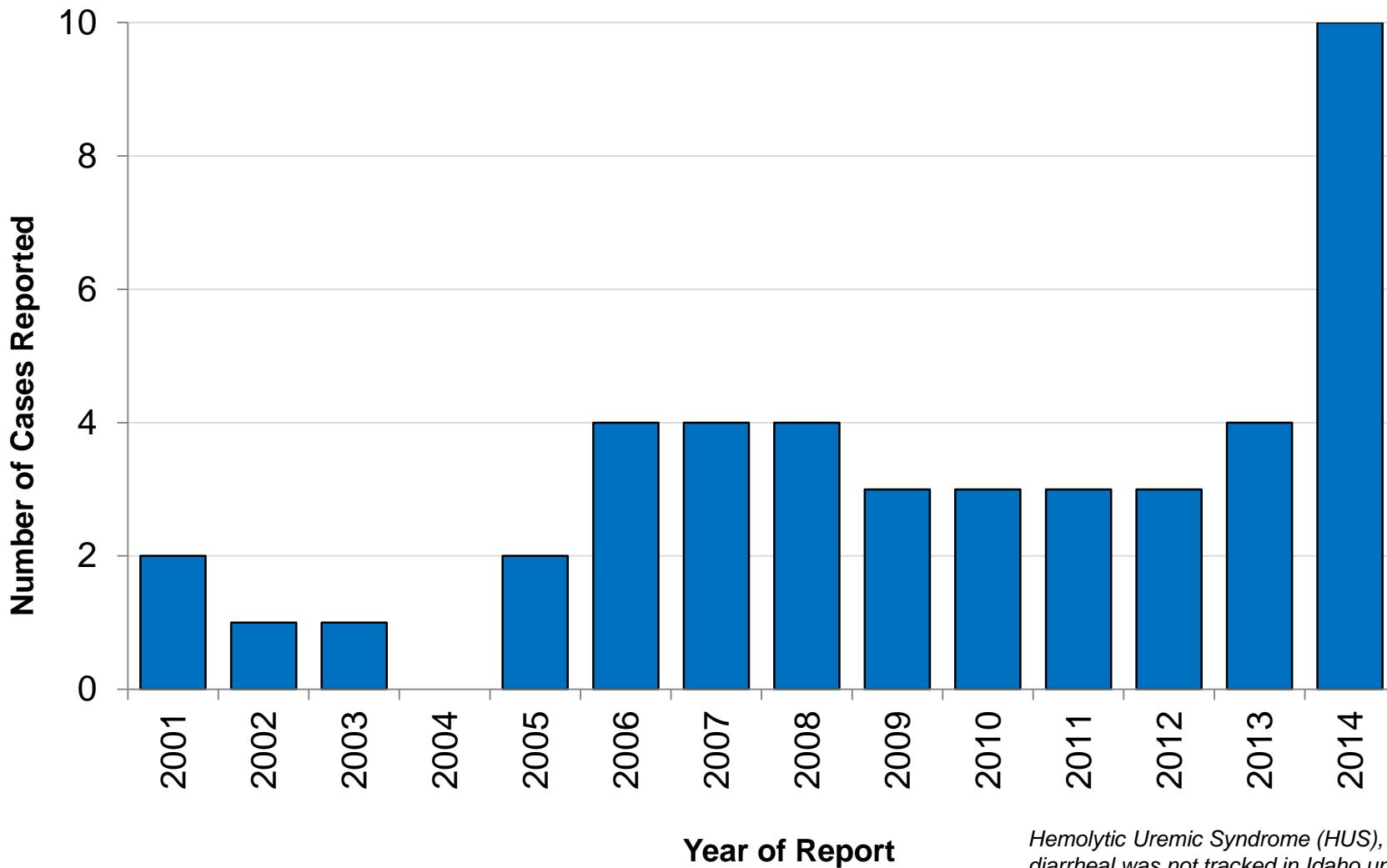
Hansen's Disease (Leprosy)

Cases: Idaho, 1987- 2014



Hemolytic Uremic Syndrome

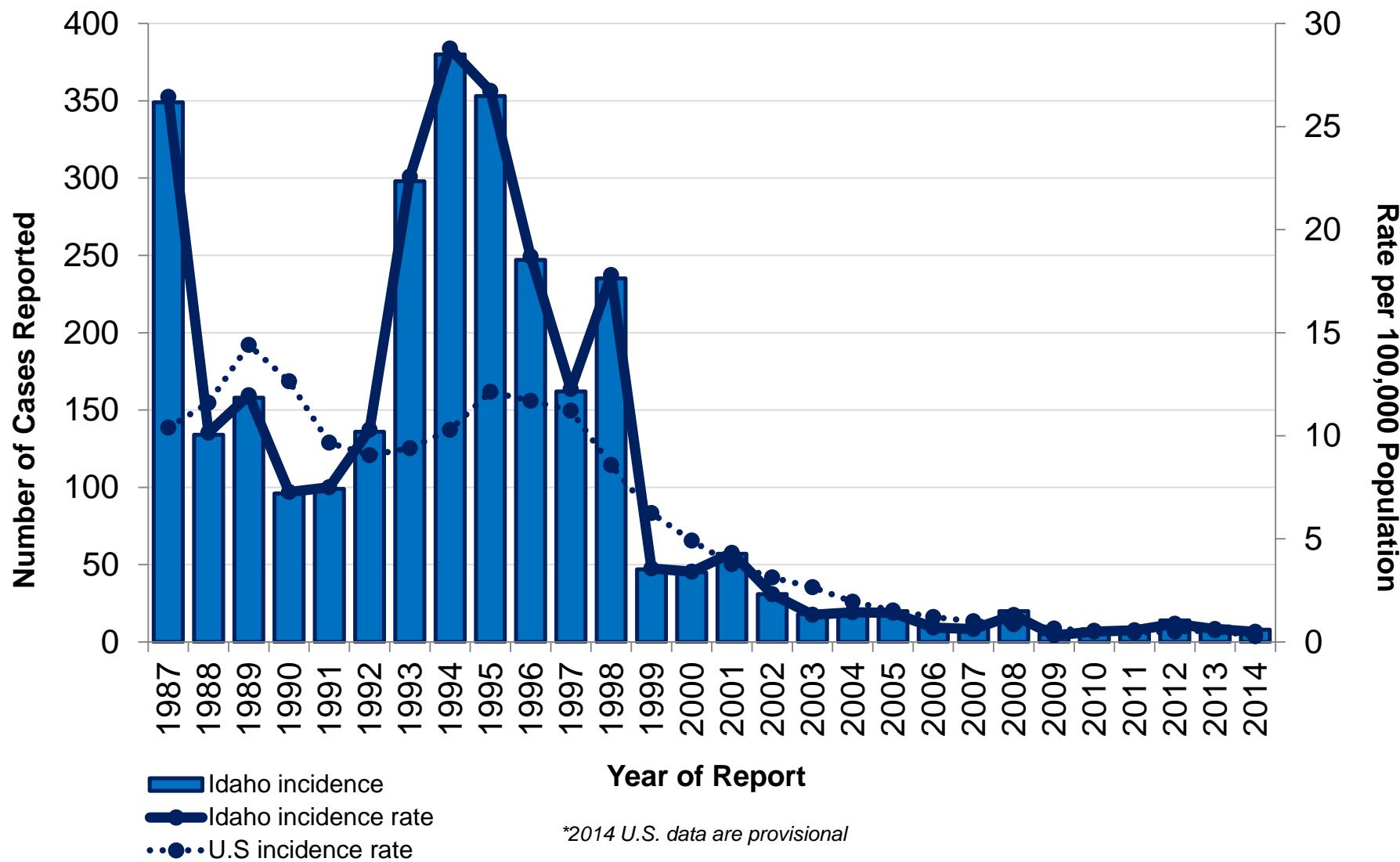
Cases: Idaho, 2001 - 2014



Hemolytic Uremic Syndrome (HUS), post-diarrheal was not tracked in Idaho until 2001. Not all HUS cases reported result from STEC infection.

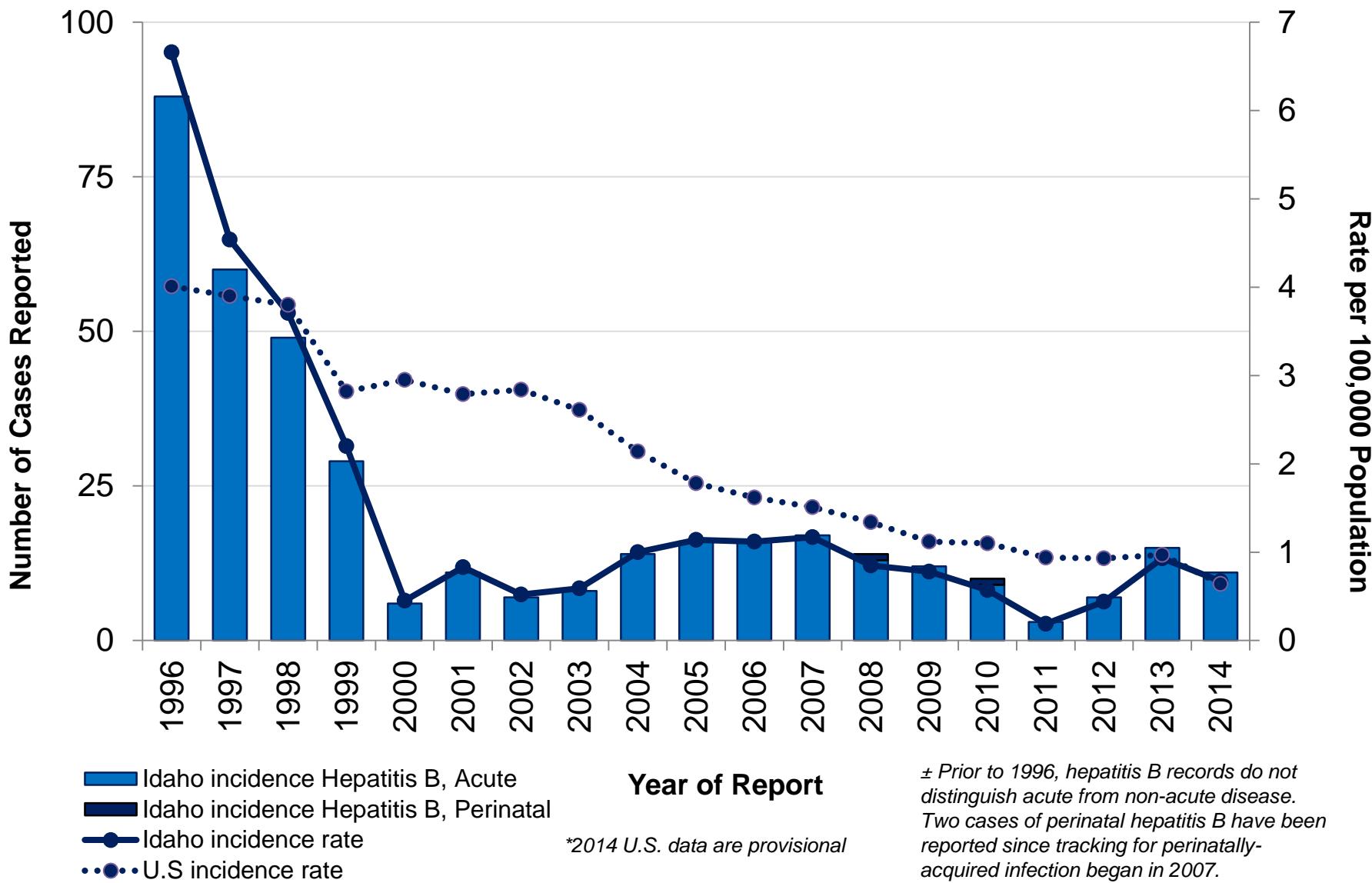
Hepatitis A

Cases and rate of disease per 100,000 population: Idaho and U.S., 1987 – 2014*



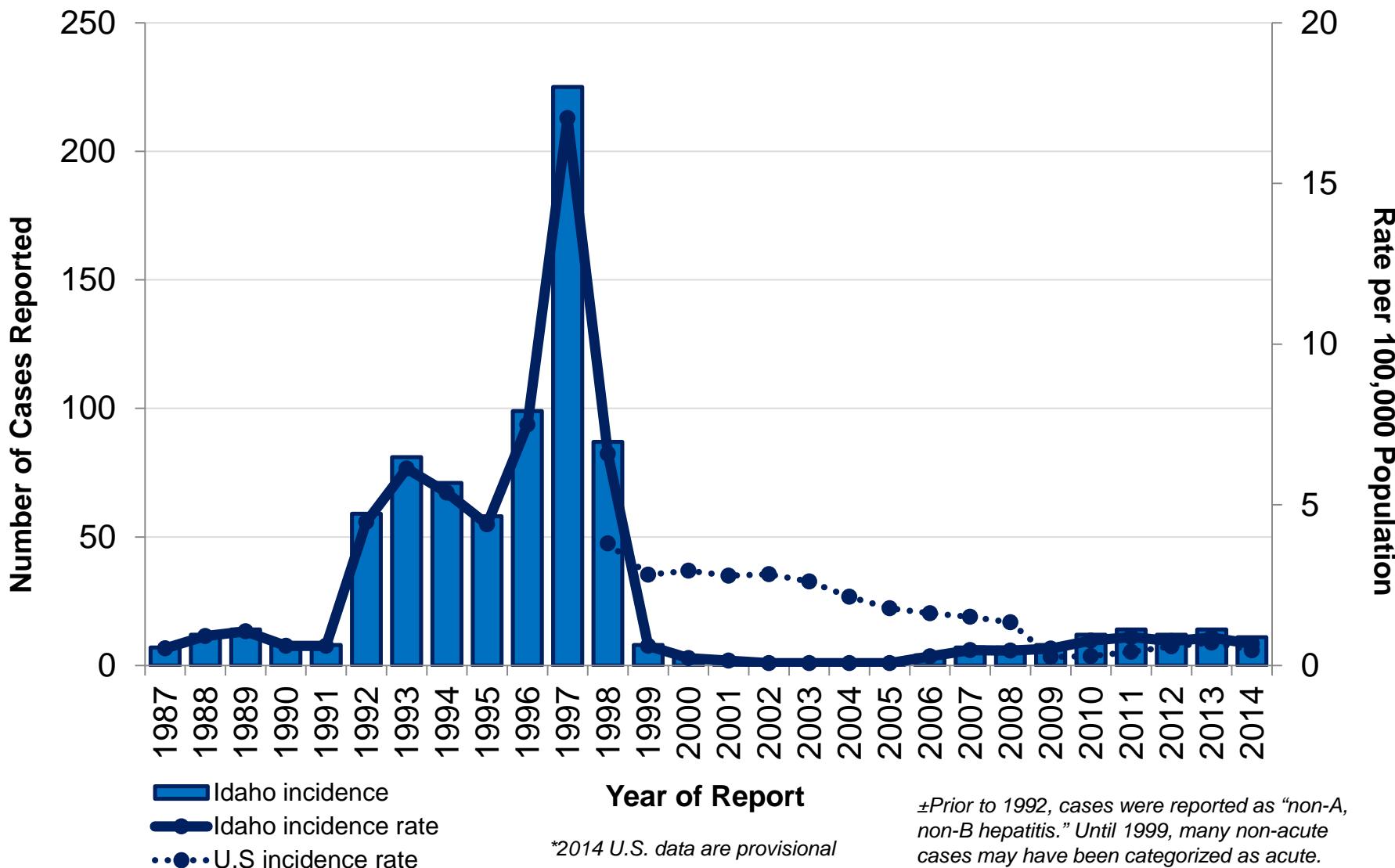
Hepatitis B, Acute \pm and Perinatal

Cases and rate of disease per 100,000 population: Idaho and U.S., 1996 – 2014*



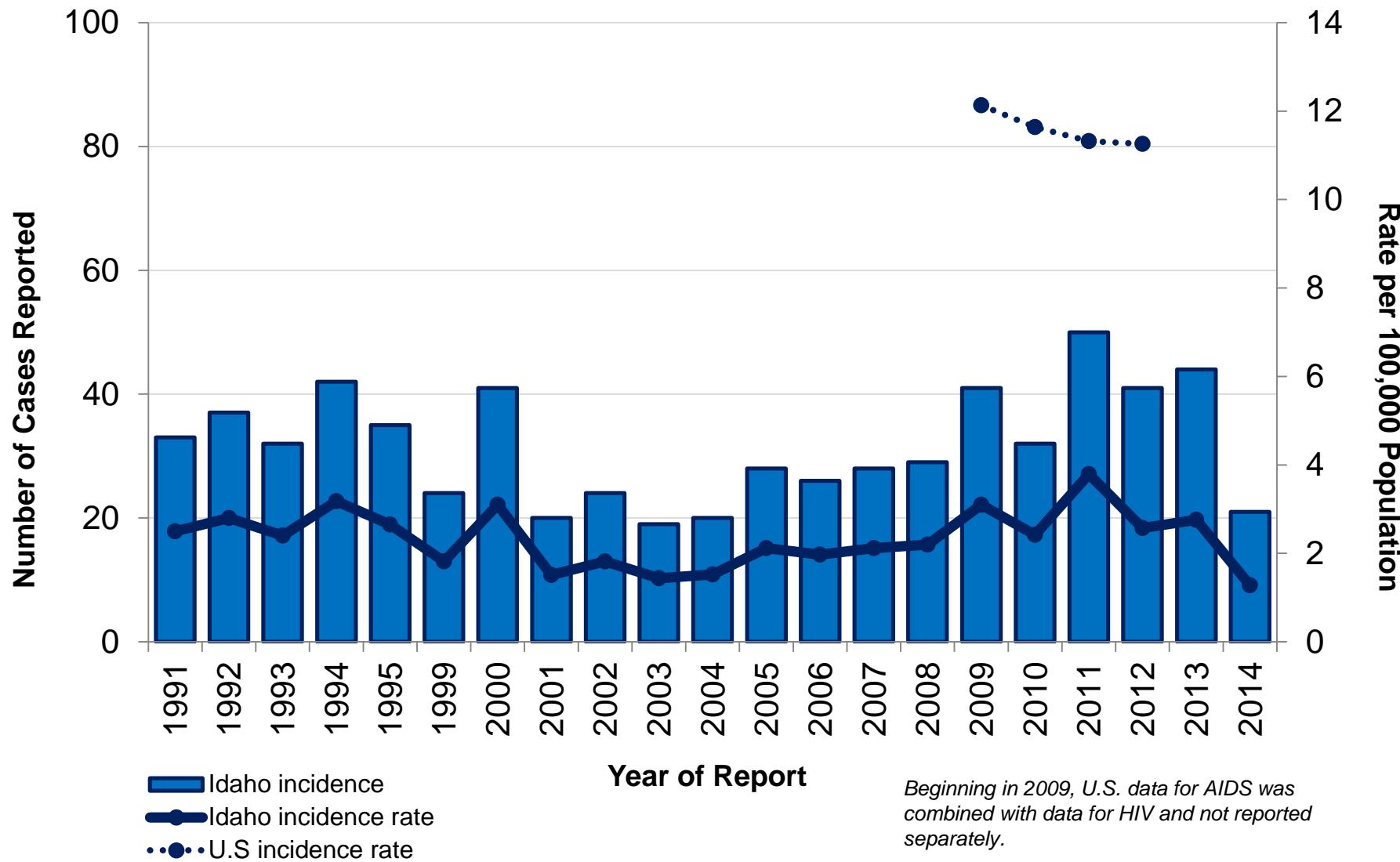
Hepatitis C, Acute[±]

Cases and rate of disease per 100,000 population: Idaho and U.S., 1987 – 2014*



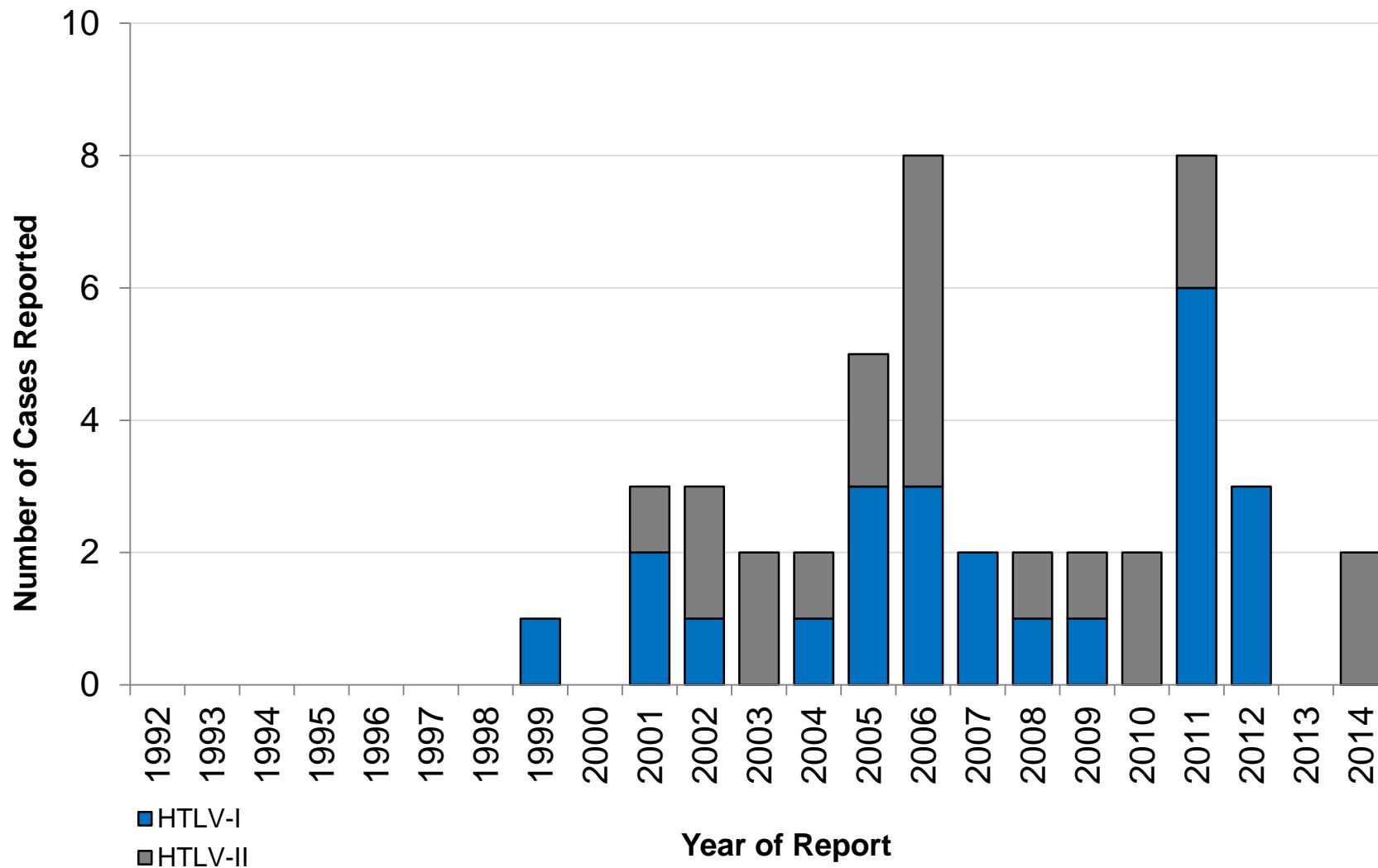
HIV

Cases and rate of disease per 100,000 population: Idaho and U.S., 1991 - 2014



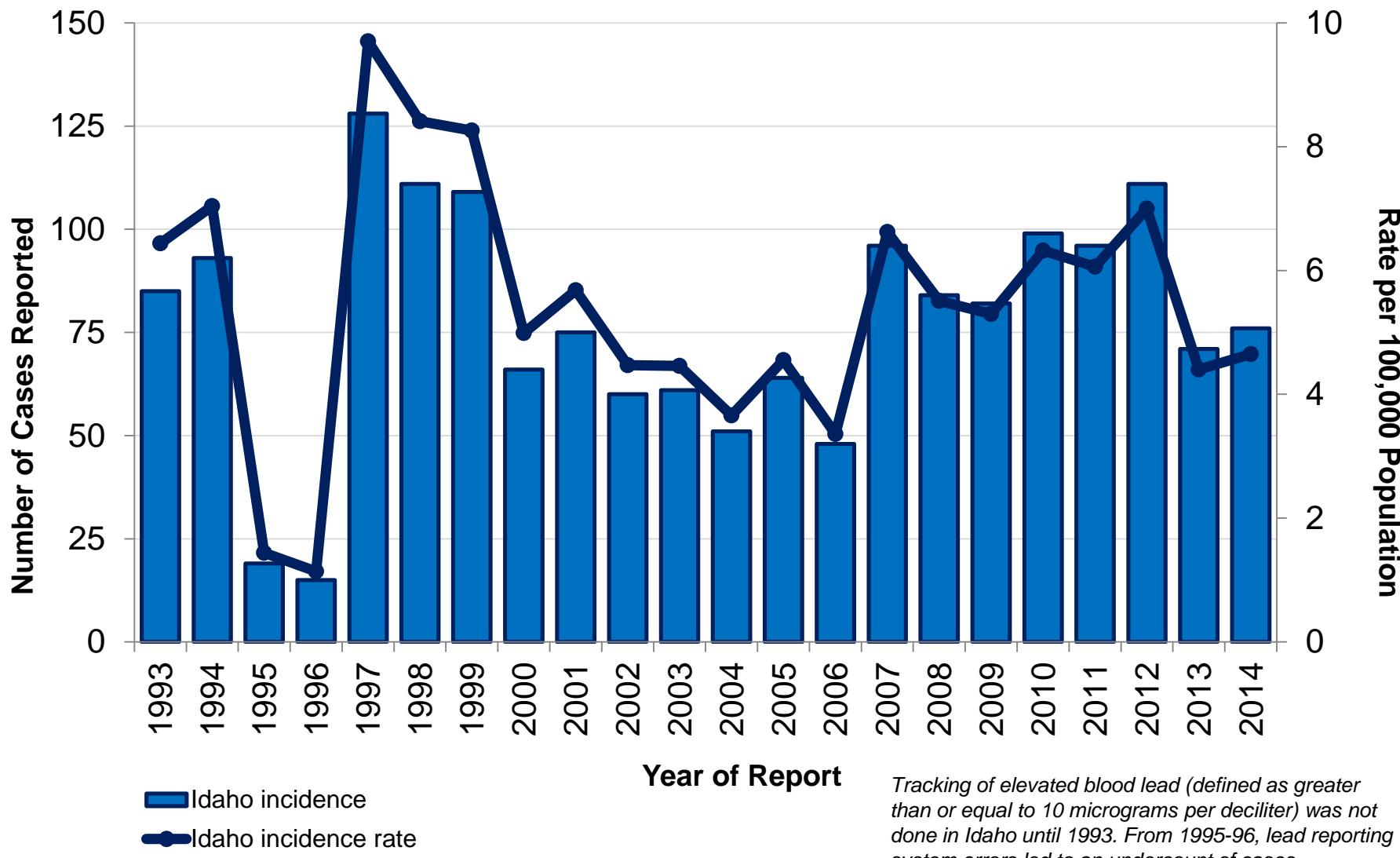
Human T-lymphotrophic virus (HTLV)

Cases: Idaho, 1992 - 2014



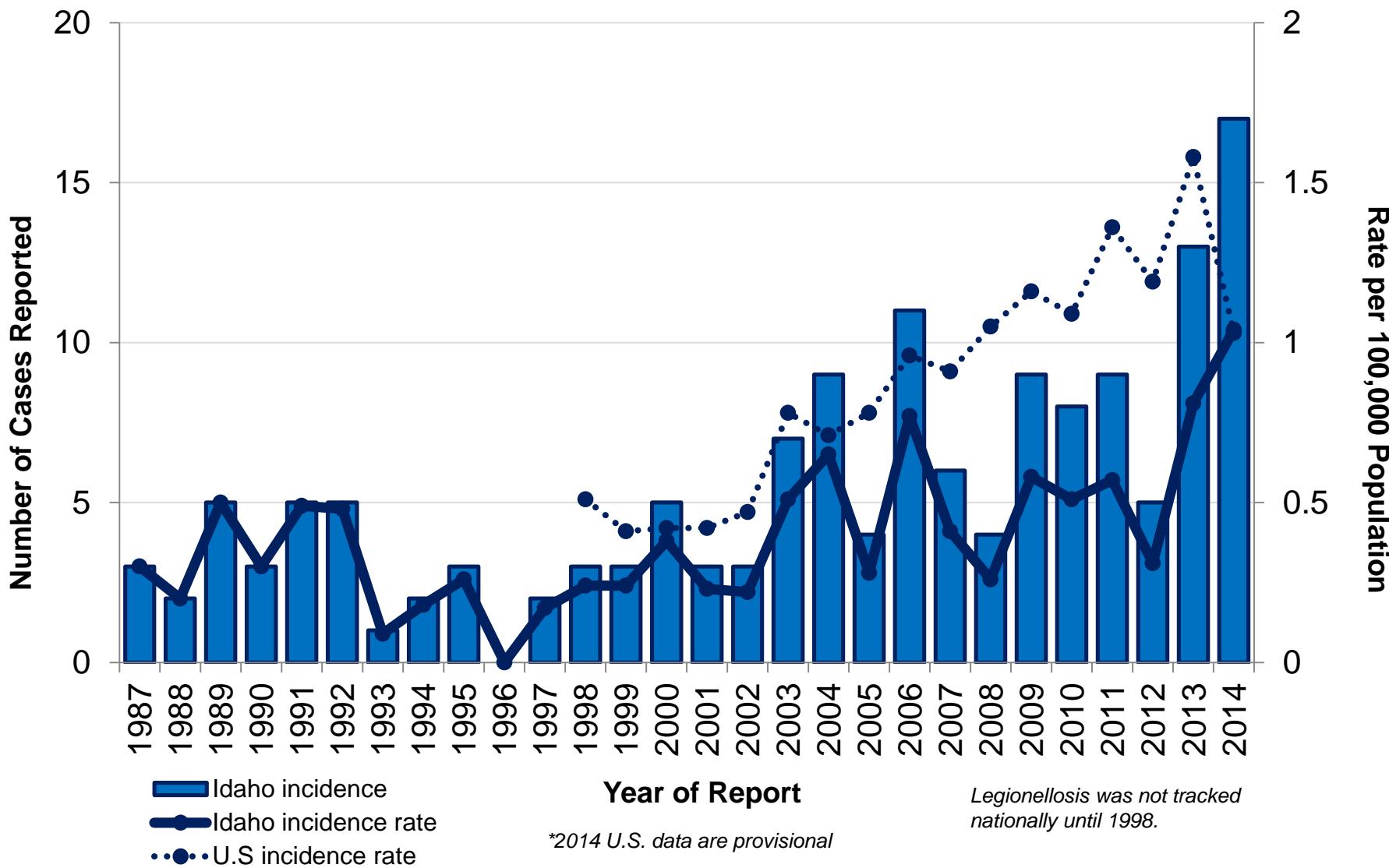
Elevated Blood Lead, All ages

Cases and rate of disease per 100,000 population: Idaho, 1993 - 2014



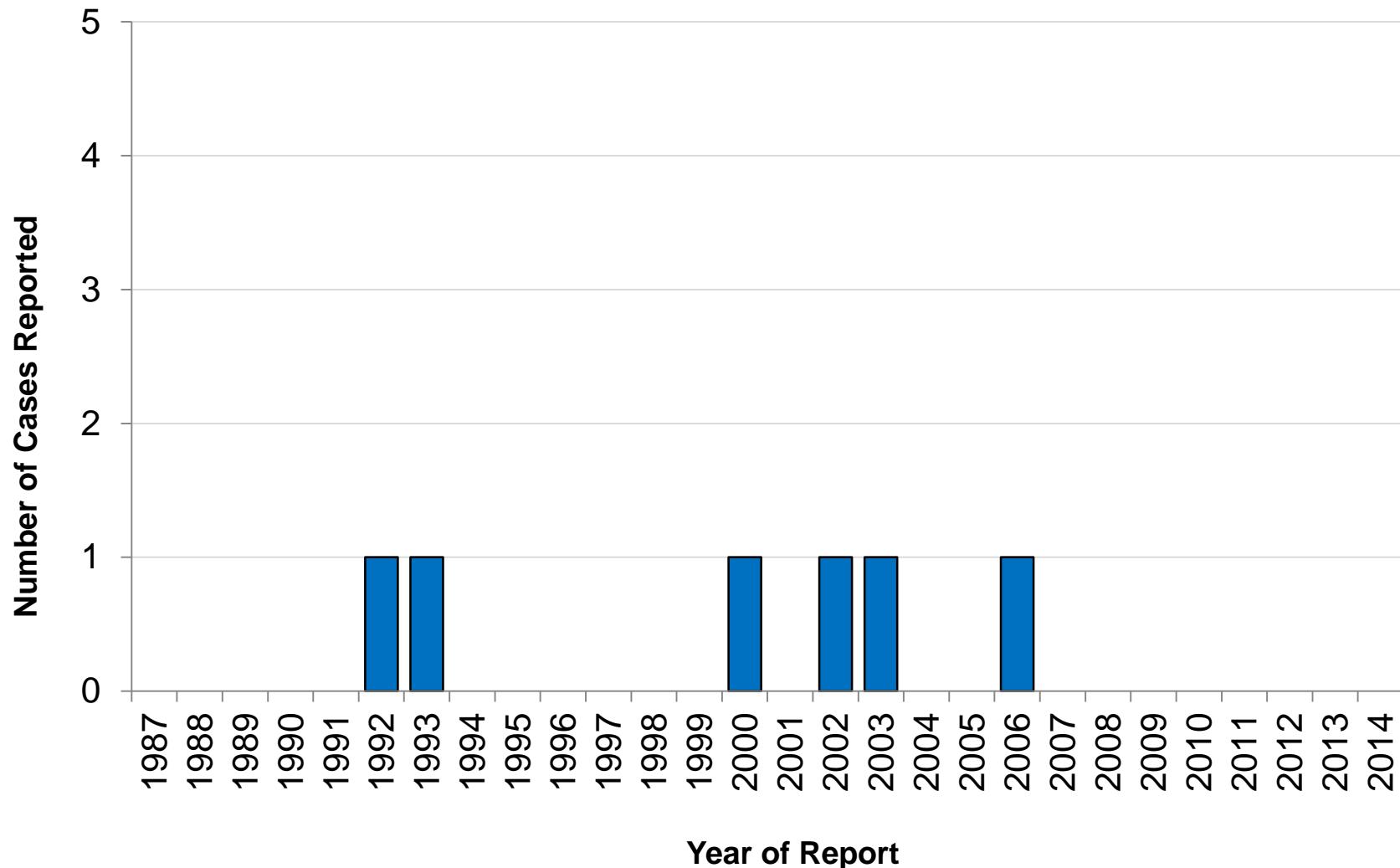
Legionellosis (Legionnaire's Disease)

Cases and rate of disease per 100,000 population: Idaho and U.S., 1987 – 2014*



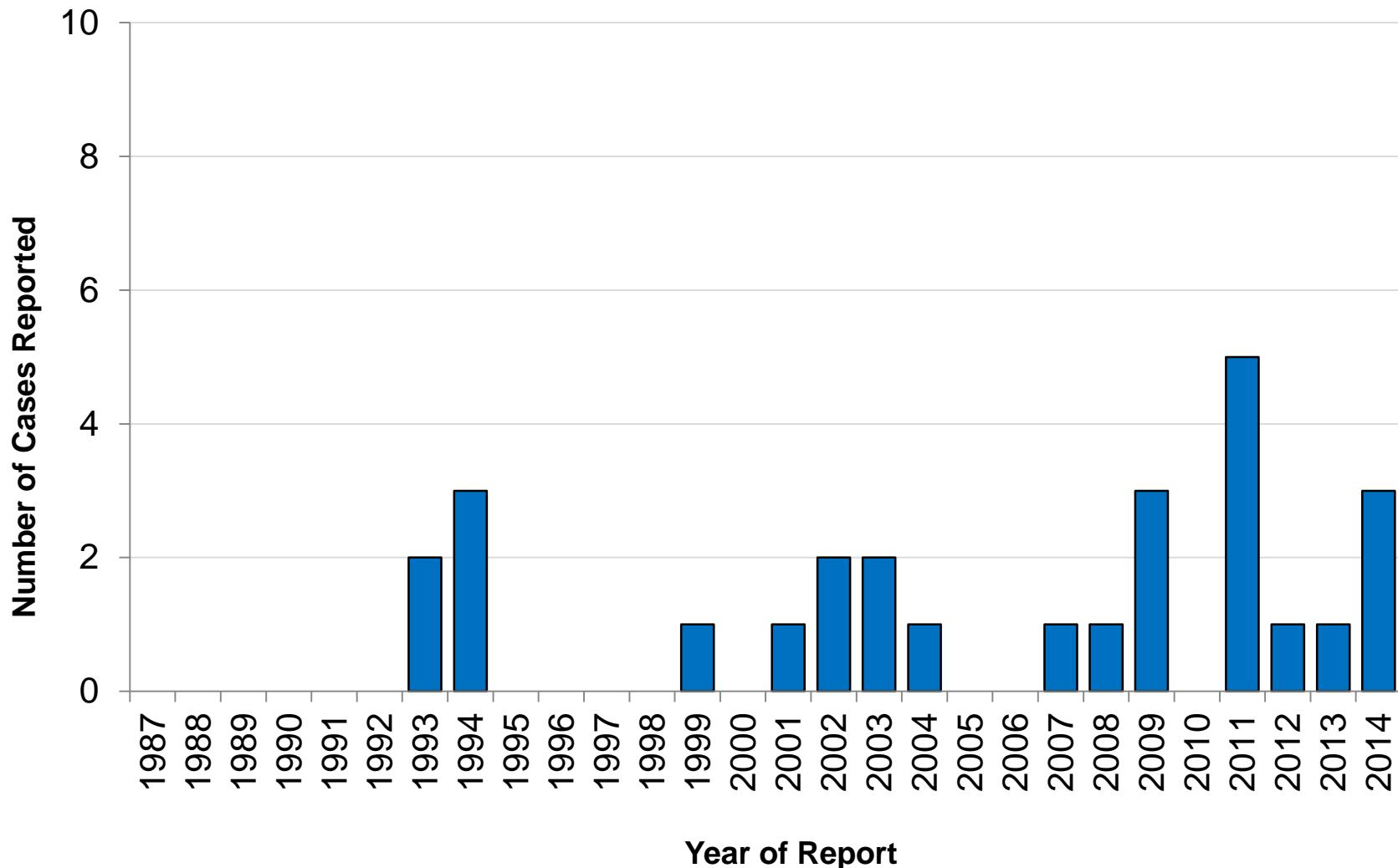
Leptospirosis

Cases: Idaho, 1987 - 2014



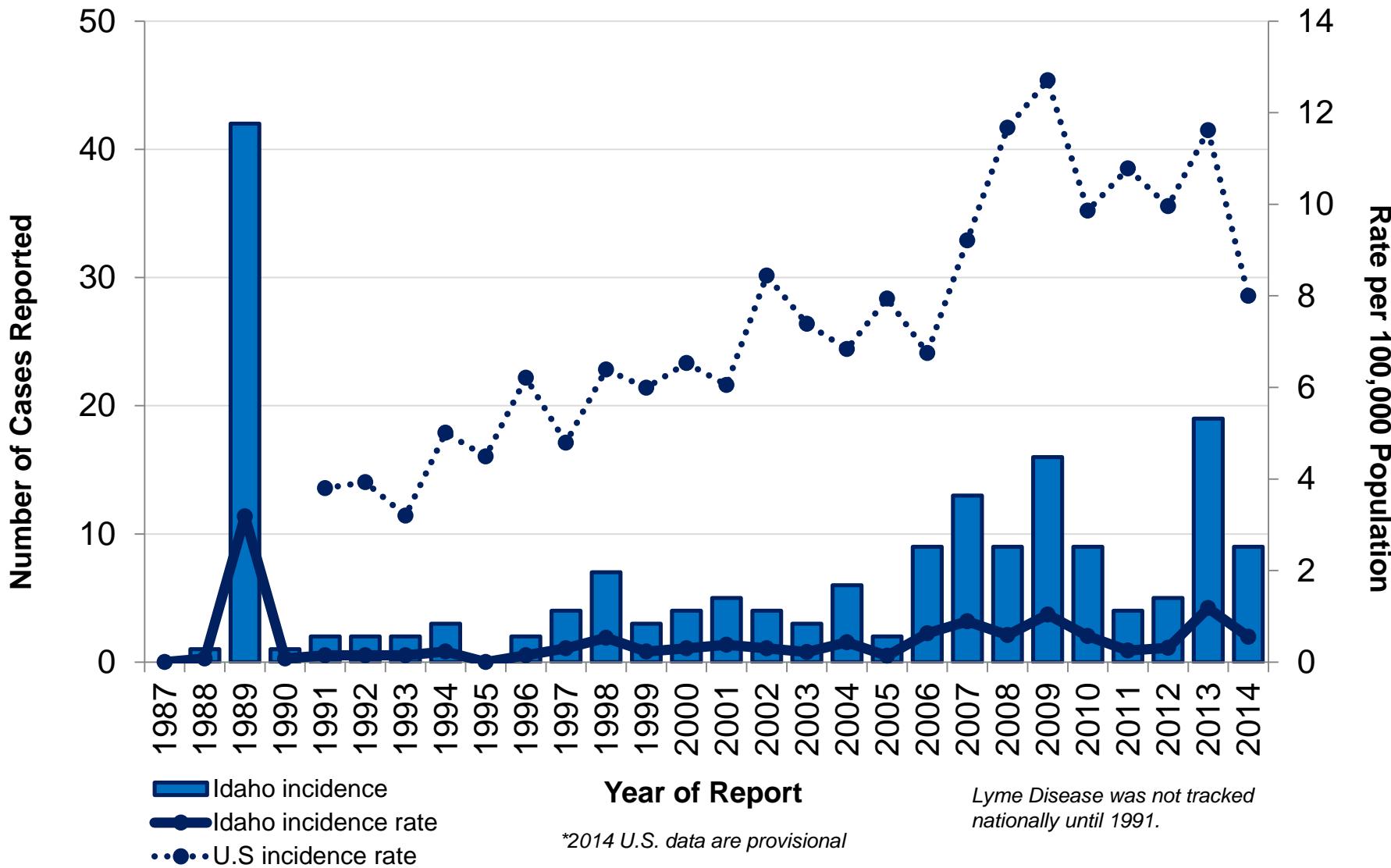
Listeriosis

Cases: Idaho, 1987 - 2014



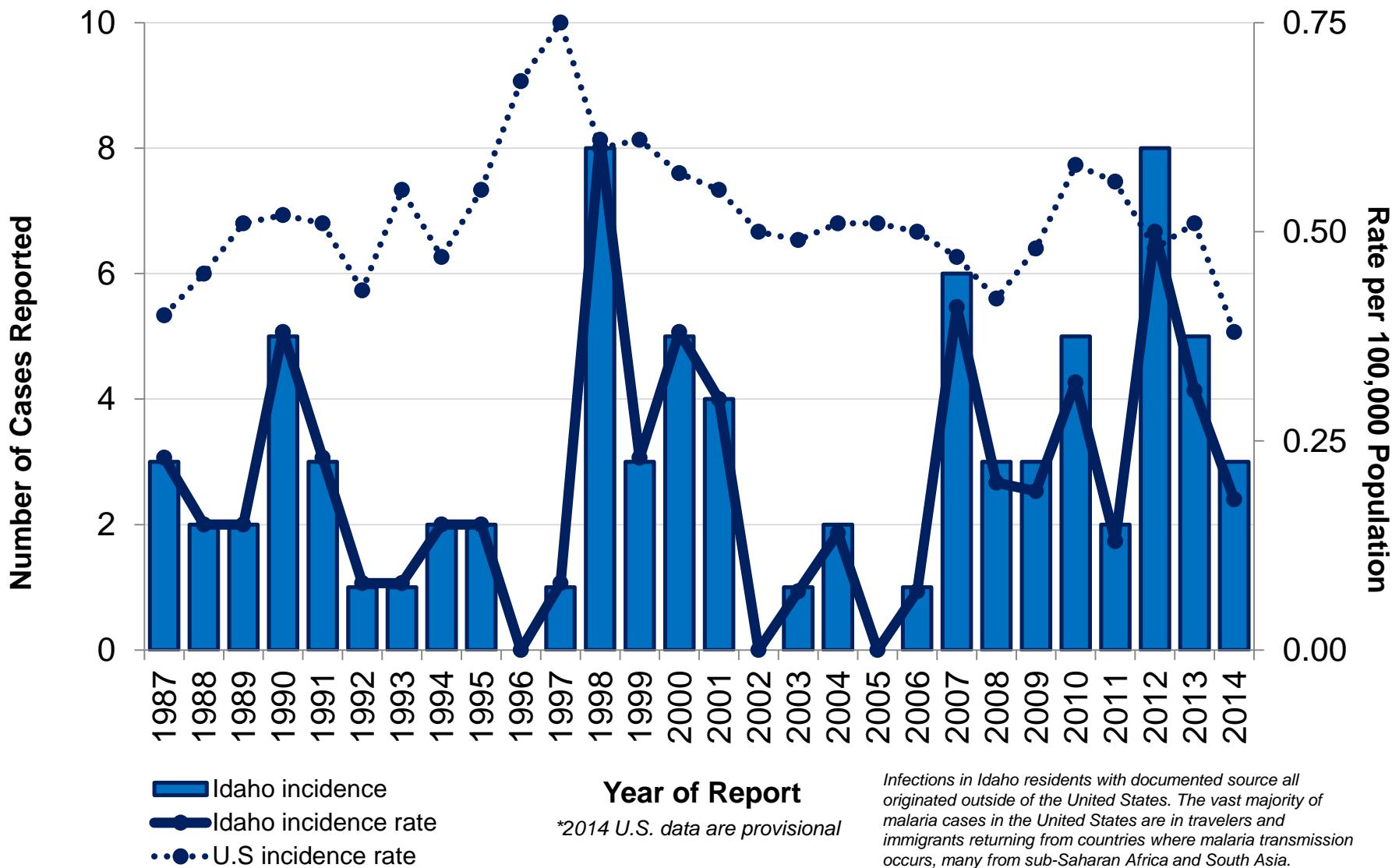
Lyme Disease

Cases and rate of disease per 100,000 population: Idaho and U.S., 1987 – 2014*



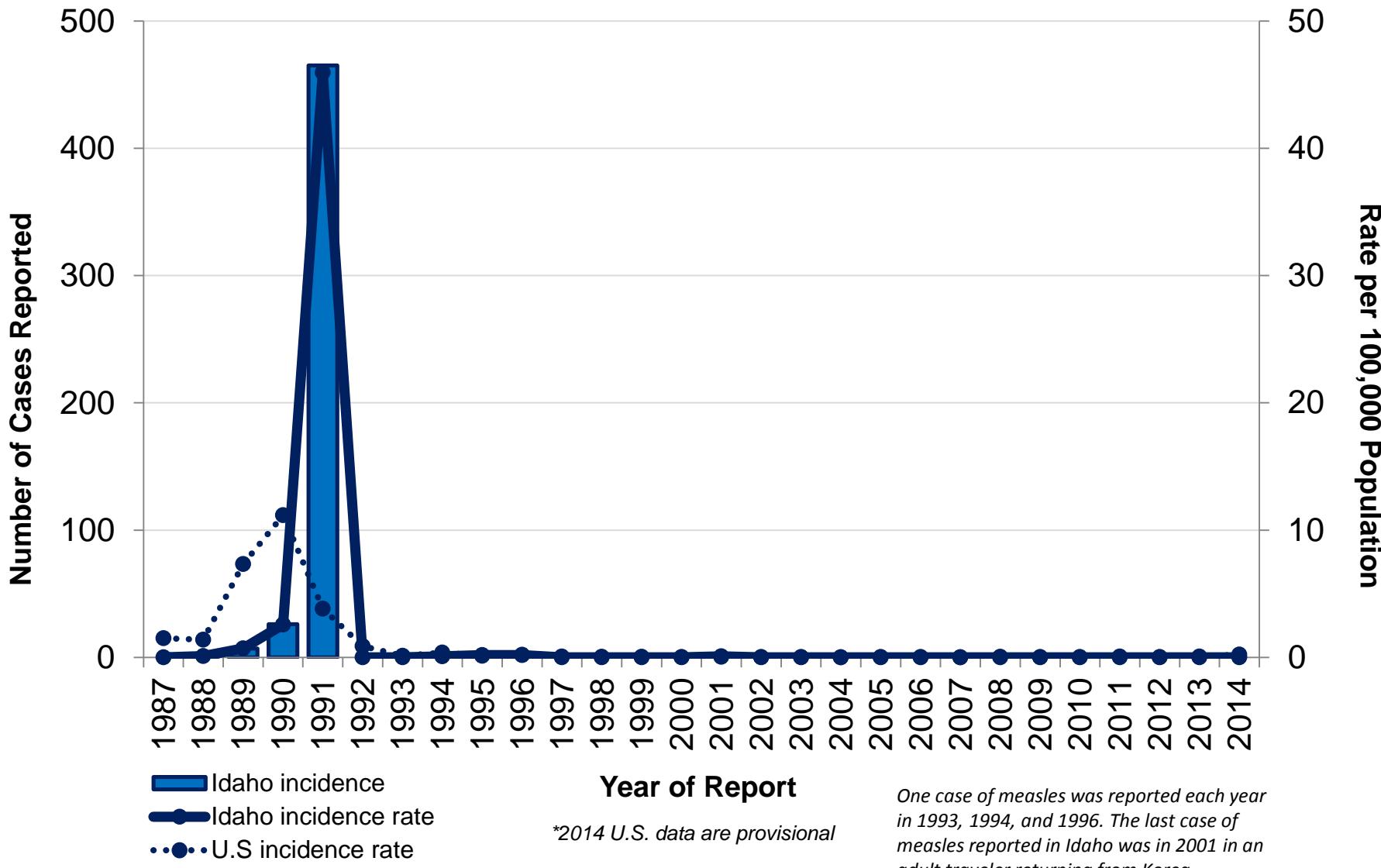
Malaria

Cases and rate of disease per 100,000 population: Idaho and U.S., 1987 – 2014*



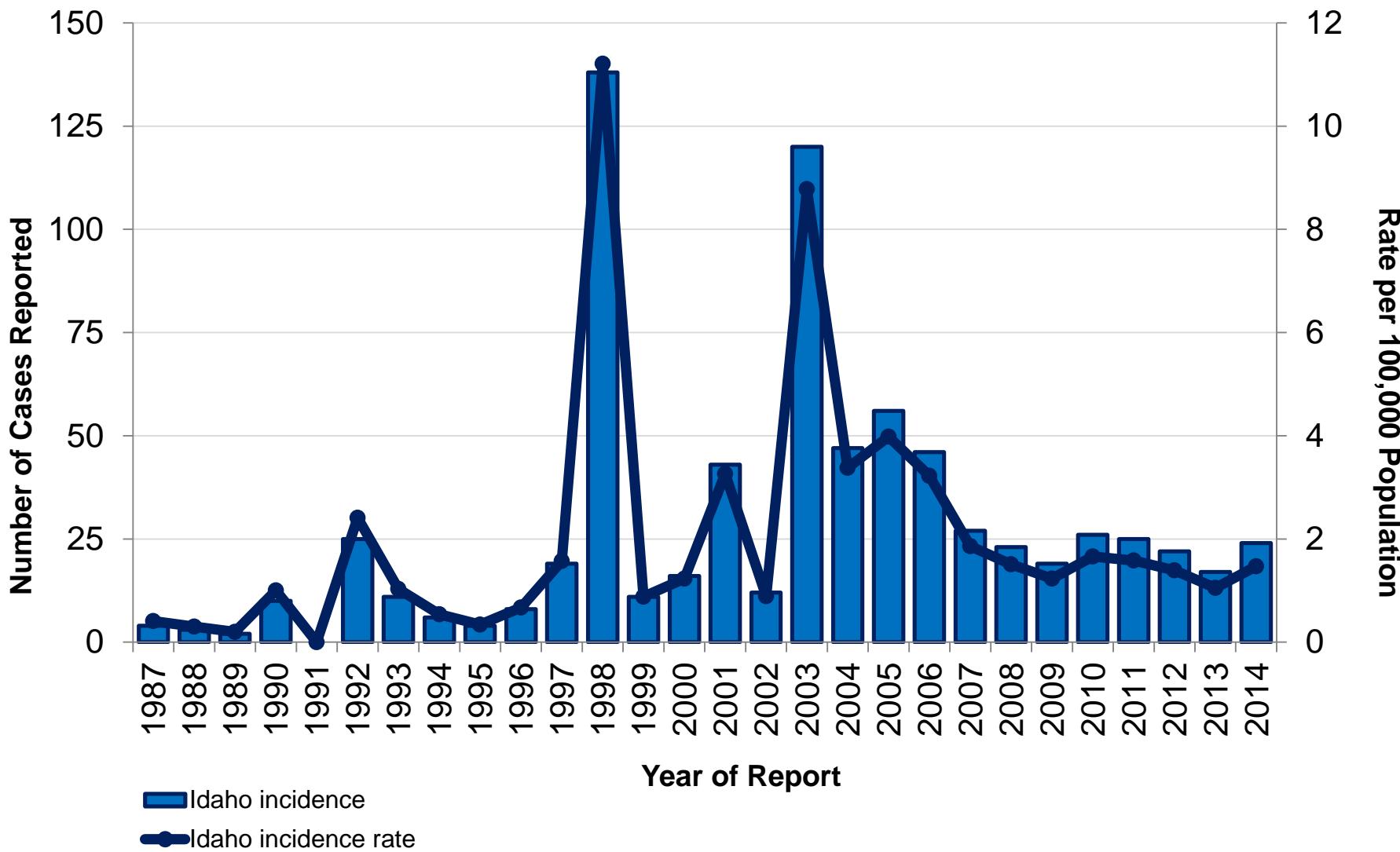
Measles

Cases and rate of disease per 100,000 population: Idaho and U.S., 1987 – 2014*



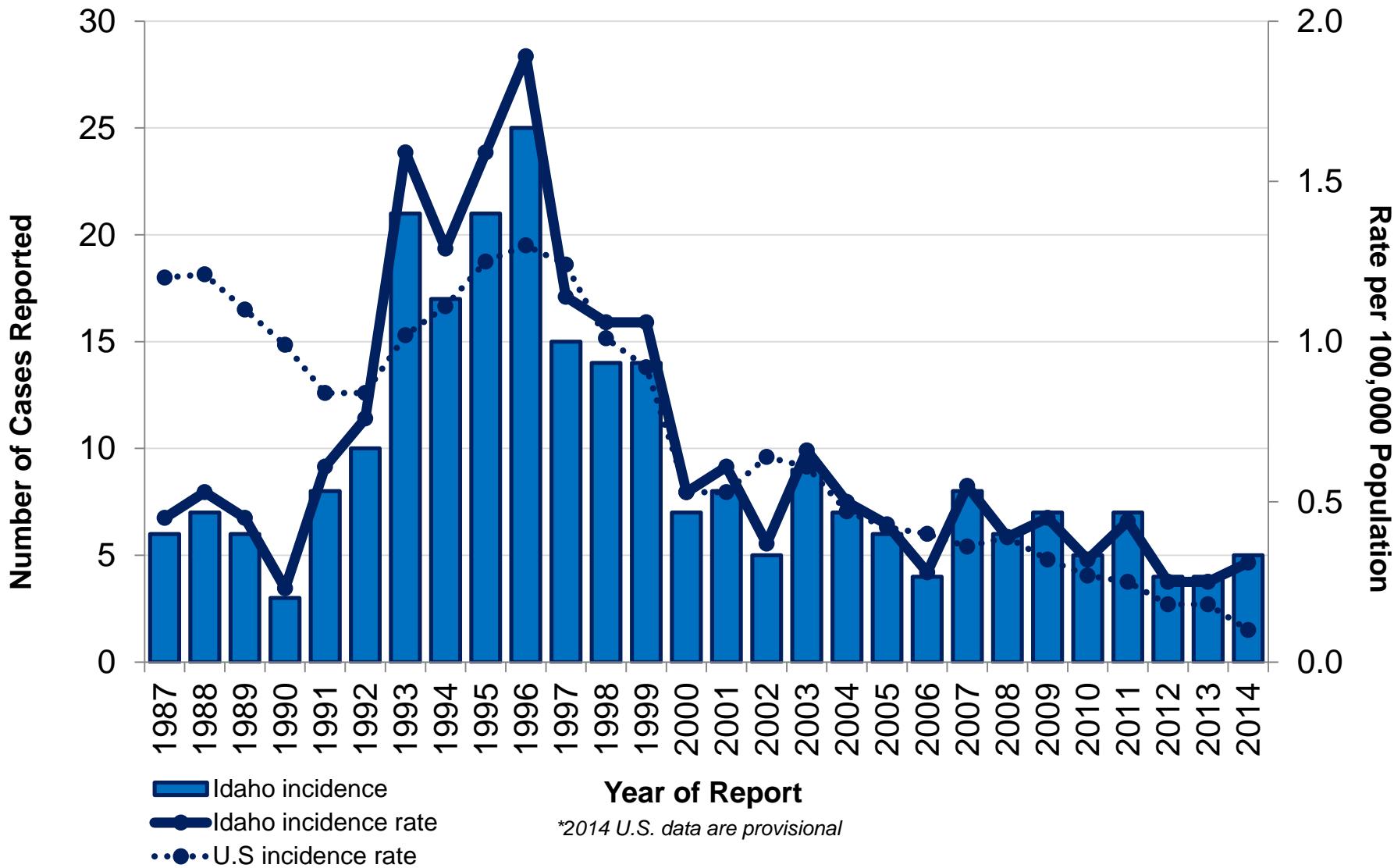
Meningitis, viral or aseptic

Cases and rate of disease per 100,000 population: Idaho, 1987 - 2014



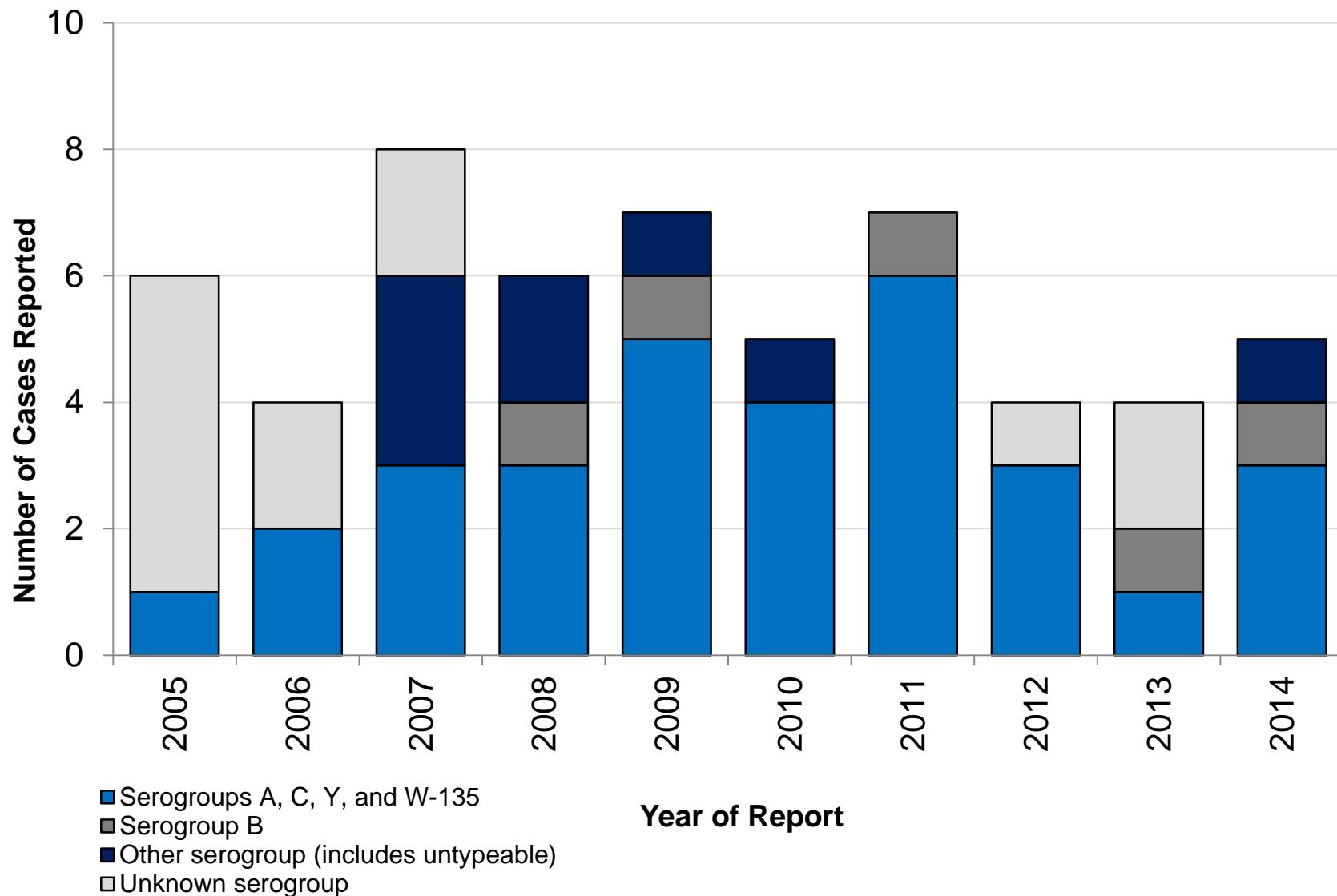
Meningococcal disease, invasive

Cases and rate of disease per 100,000 population: Idaho and U.S., 1987 – 2014*



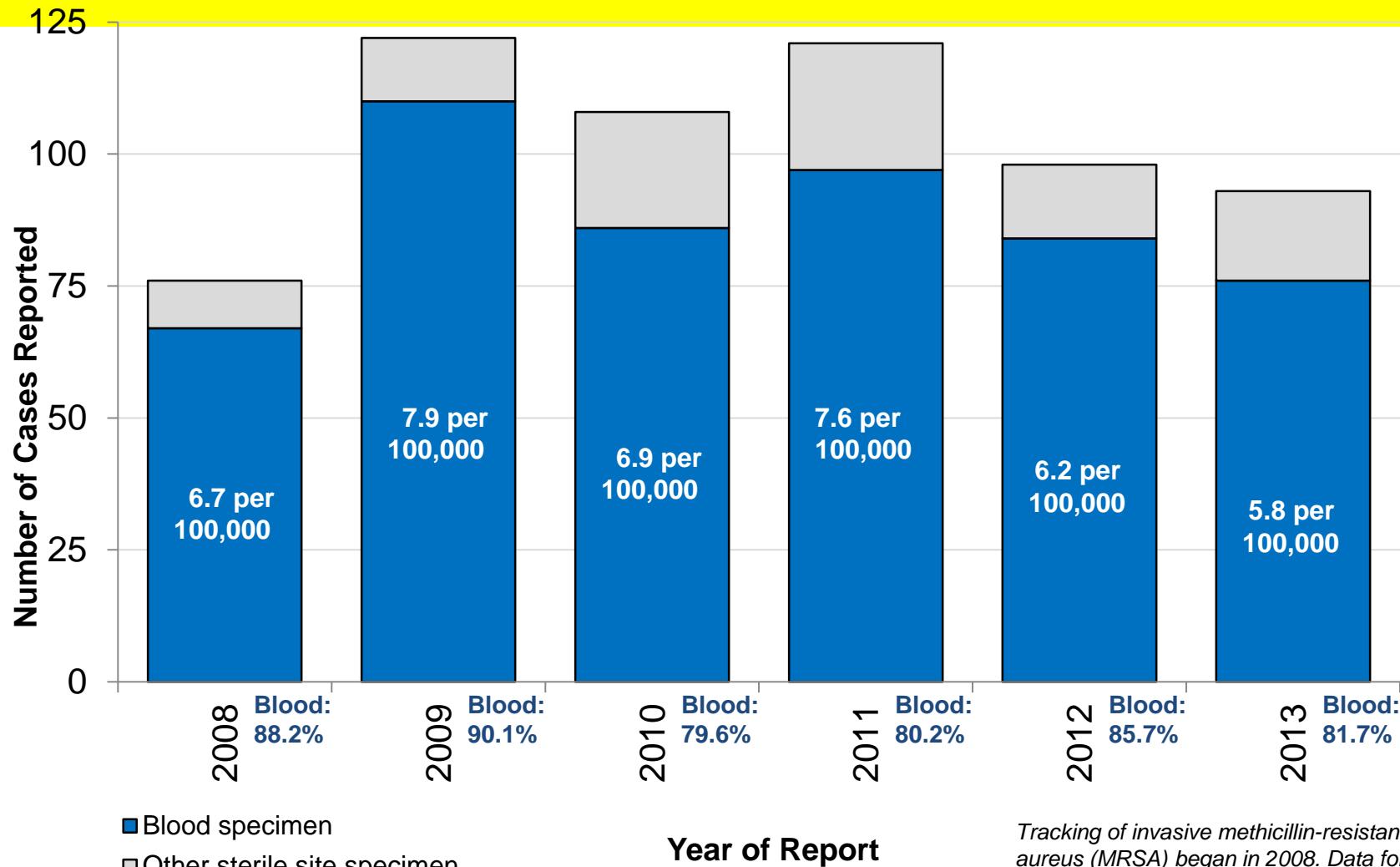
Neisseria meningitidis, invasive disease

Cases by serogroup: Idaho, 2005 - 2014



Methicillin-resistant *S. aureus*, invasive

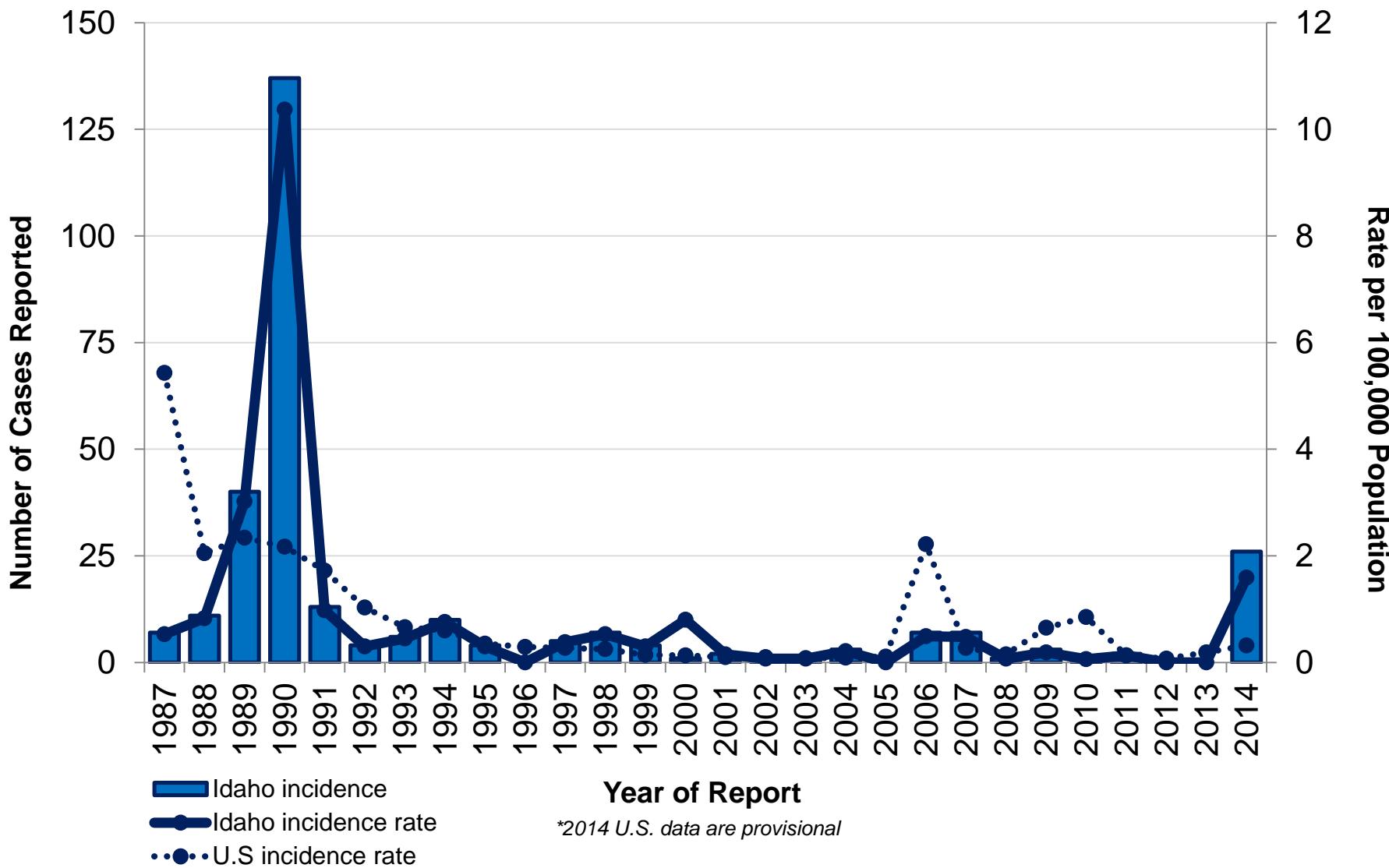
Cases and rate of disease per 100,000 population: Idaho, 2008 - 2013



Tracking of invasive methicillin-resistant *S. aureus* (MRSA) began in 2008. Data for 2008 only includes cases reported from April through December and the rate is adjusted for a partial year.

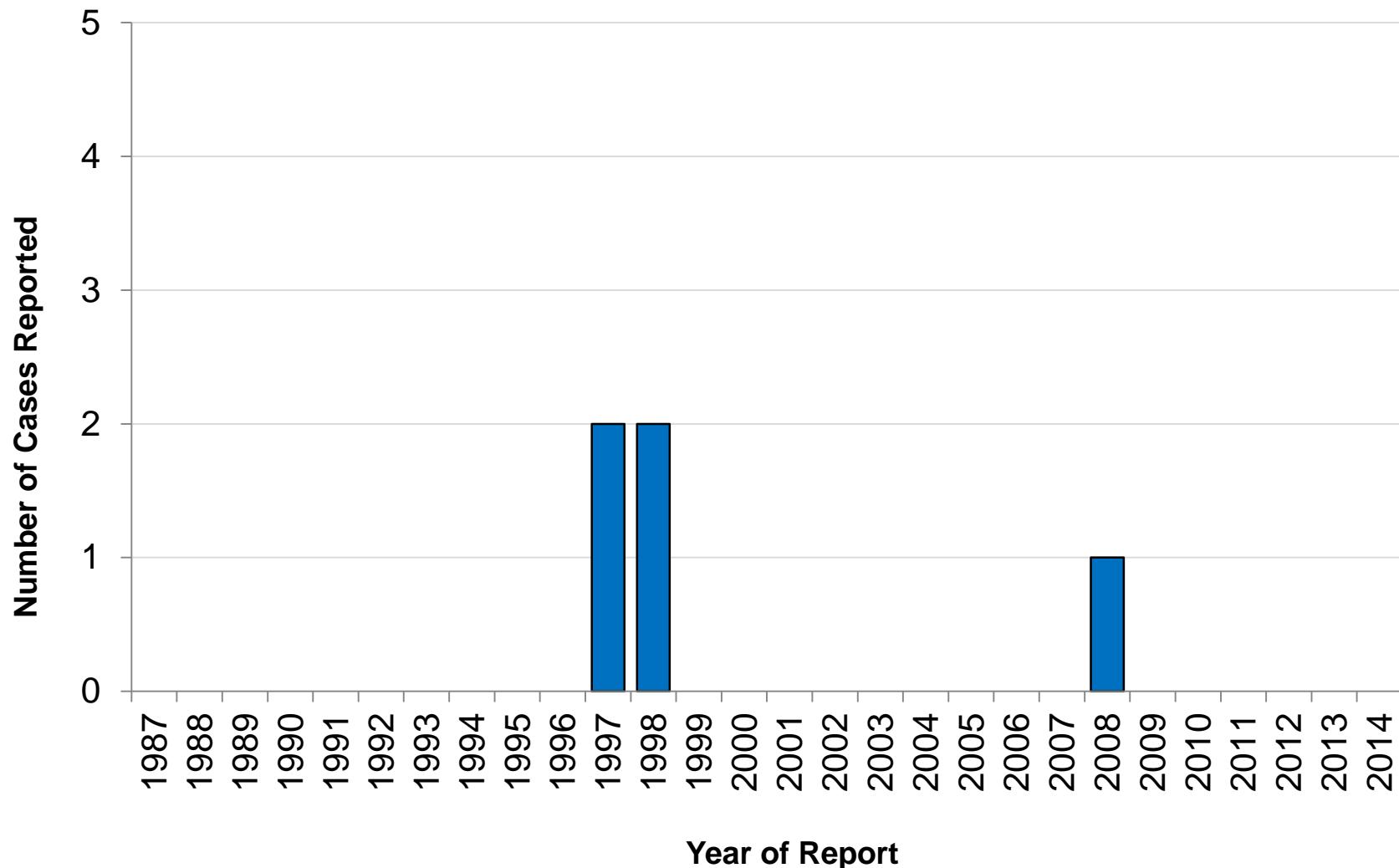
Mumps

Cases and rate of disease per 100,000 population: Idaho and U.S., 1987 – 2014*



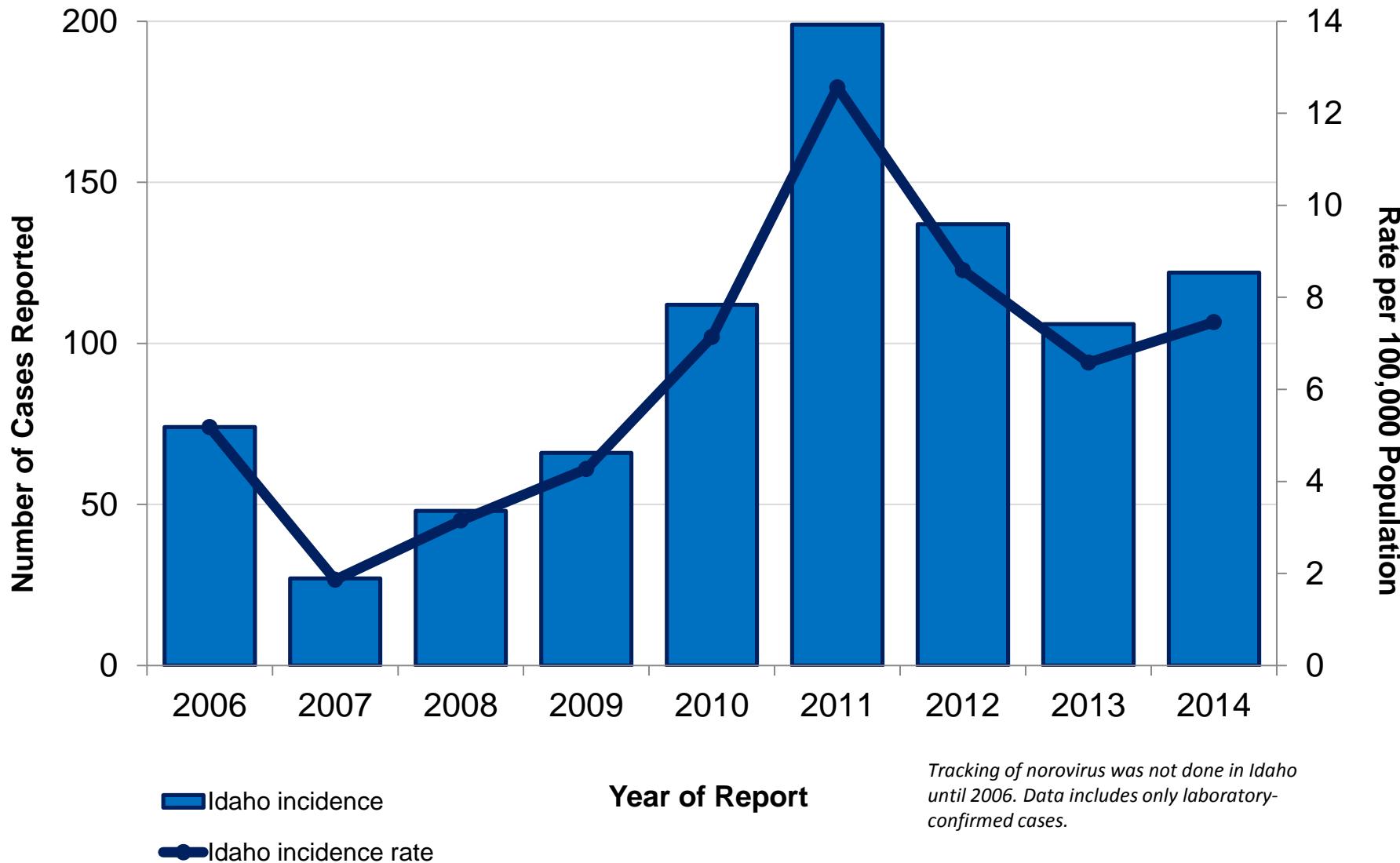
Myocarditis, viral

Cases: Idaho, 1987 - 2014



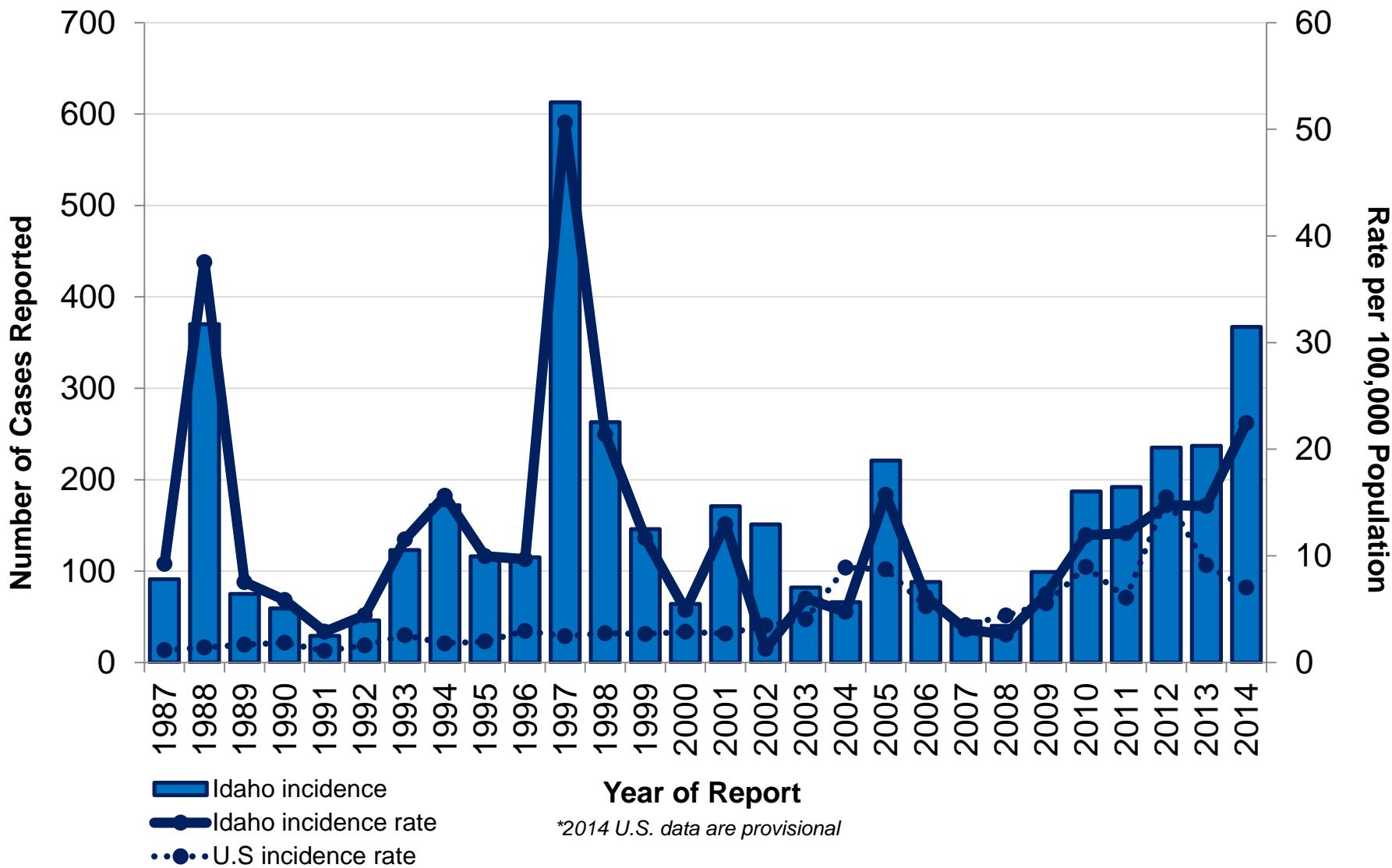
Norovirus

Cases and rate of disease per 100,000 population: Idaho, 2006 - 2014



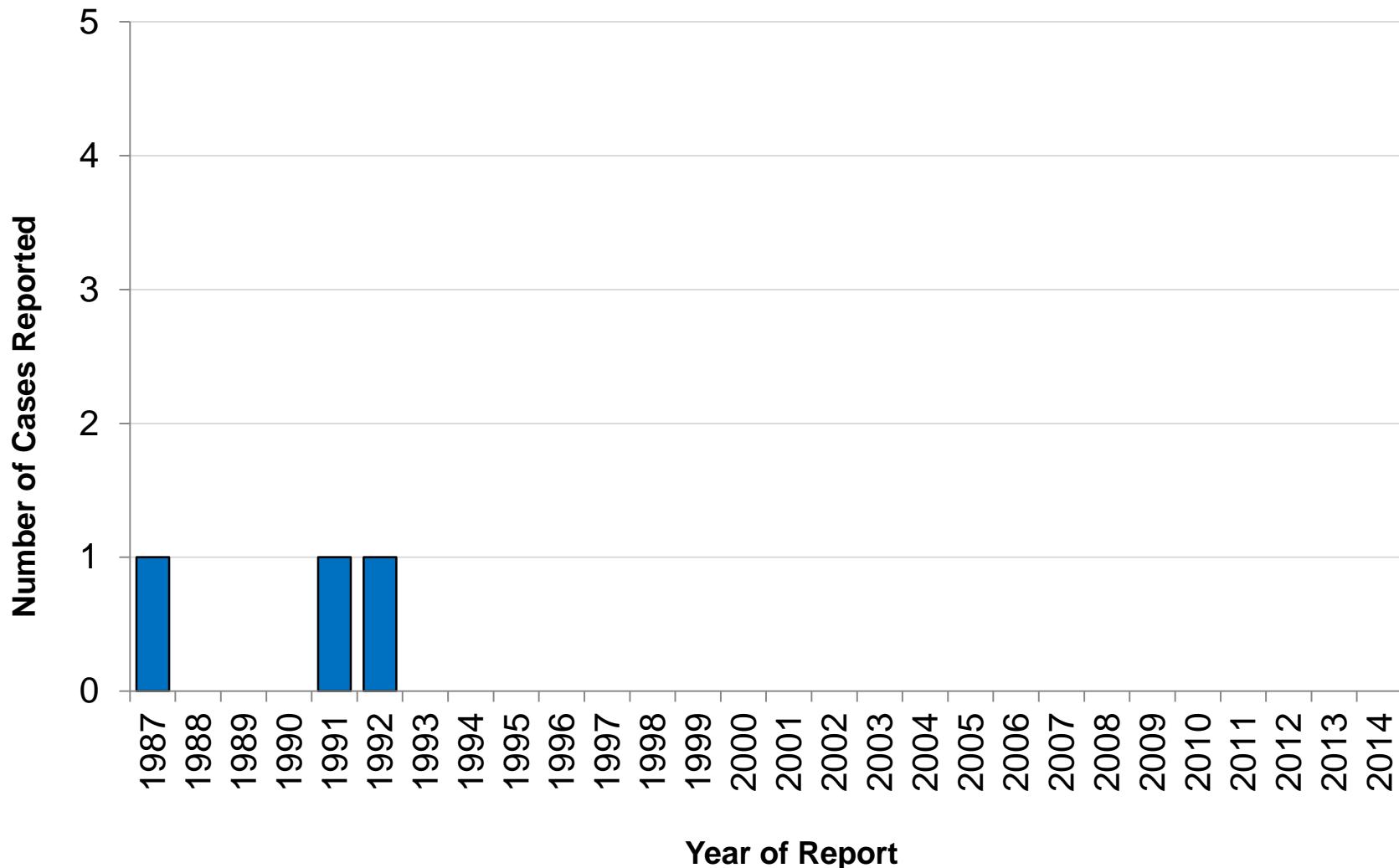
Pertussis

Cases and rate of disease per 100,000 population: Idaho and U.S., 1987 – 2014*



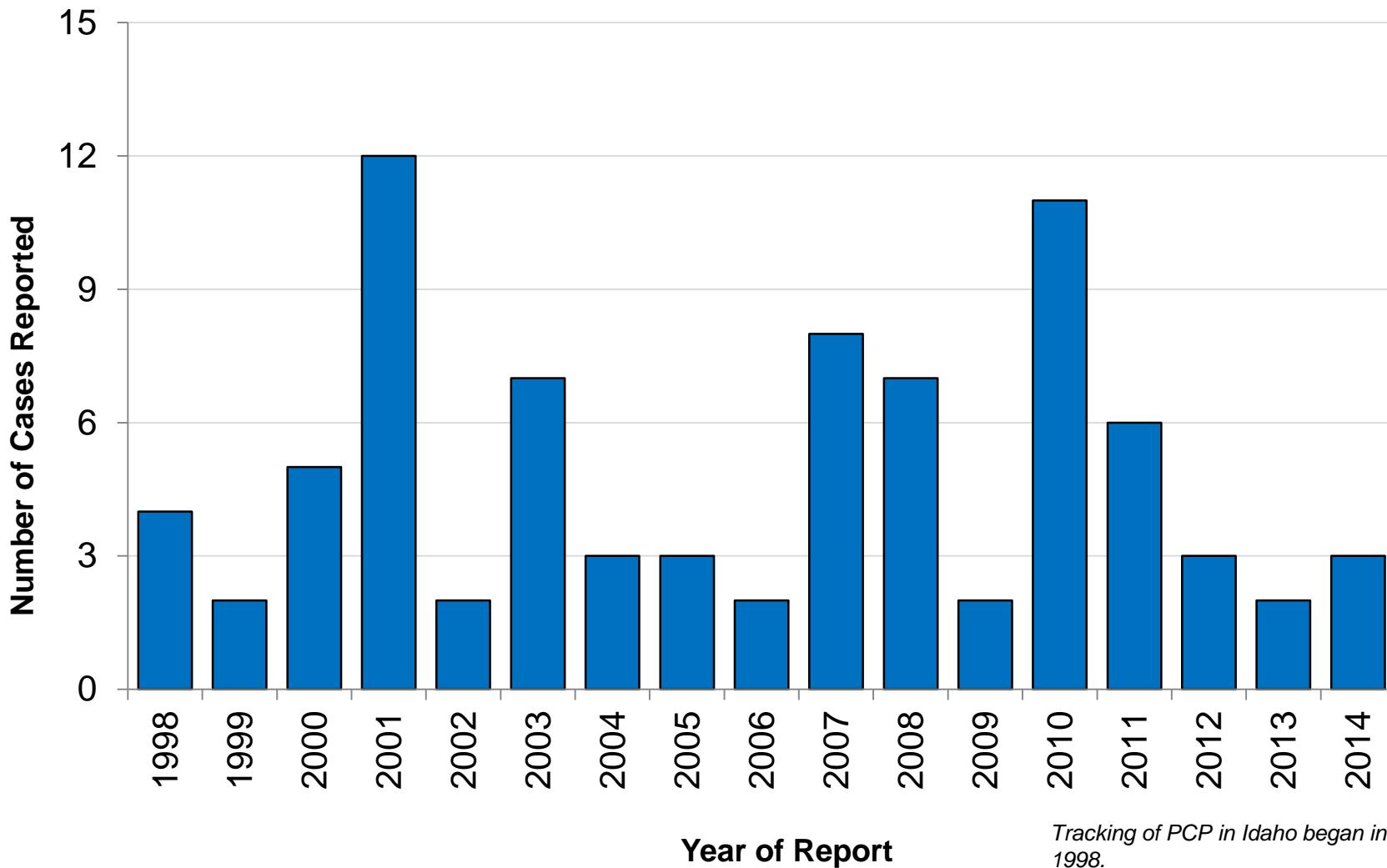
Plague

Cases: Idaho, 1987 - 2014



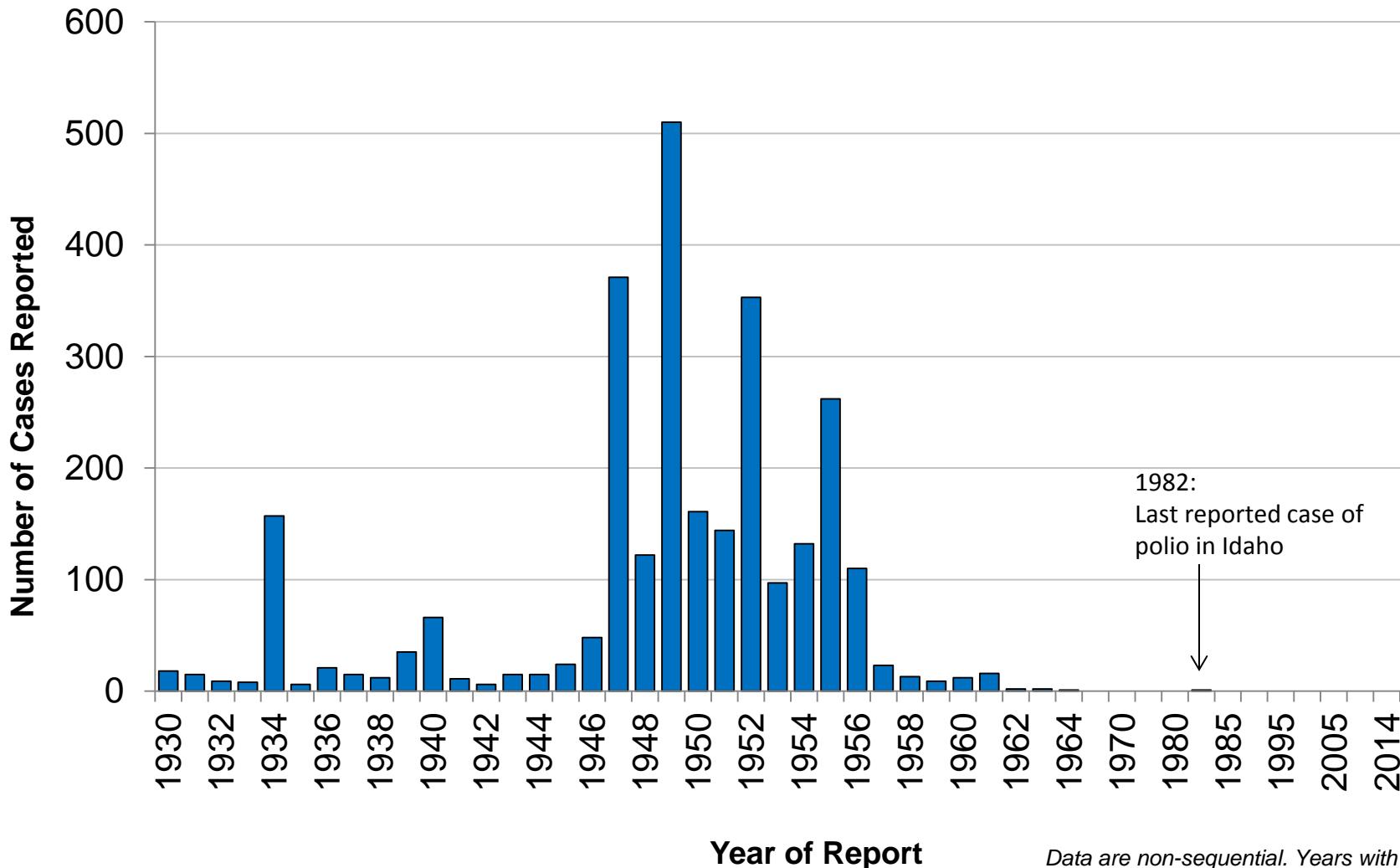
Pneumocystis pneumonia (PCP)

Cases: Idaho, 1998 - 2014



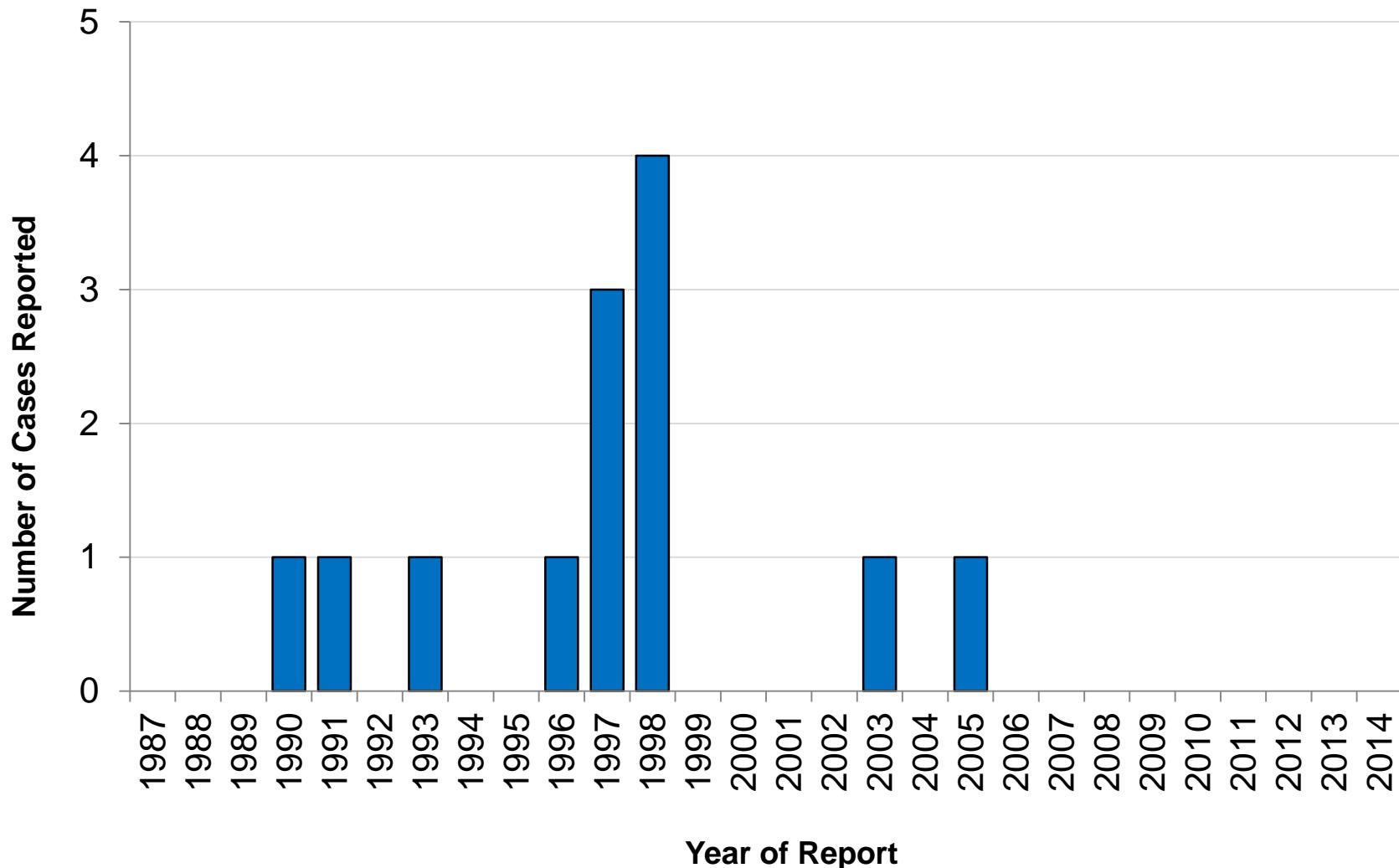
Polio

Cases: Idaho, 1930 - 2014



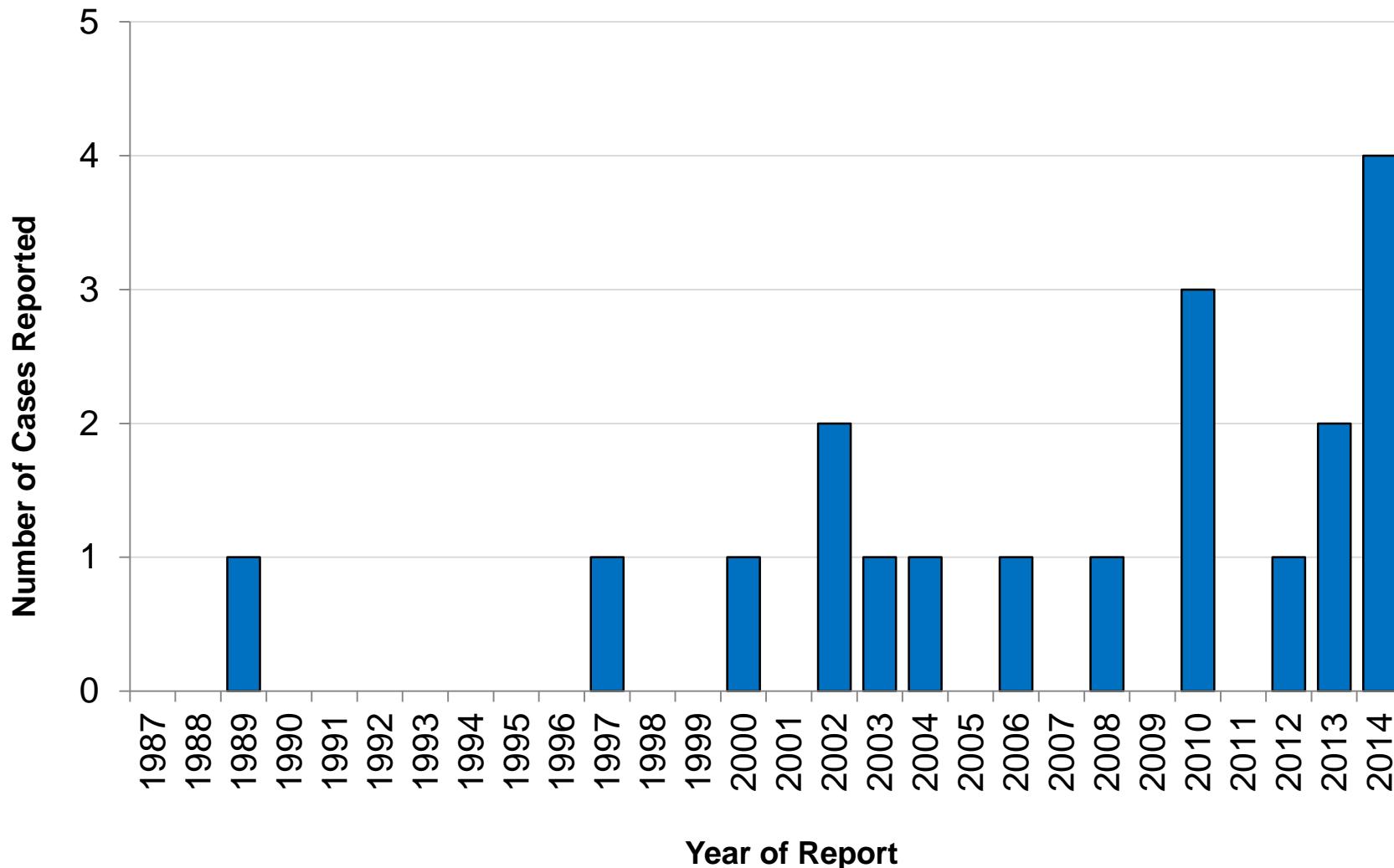
Psittacosis

Cases: Idaho, 1987 - 2014



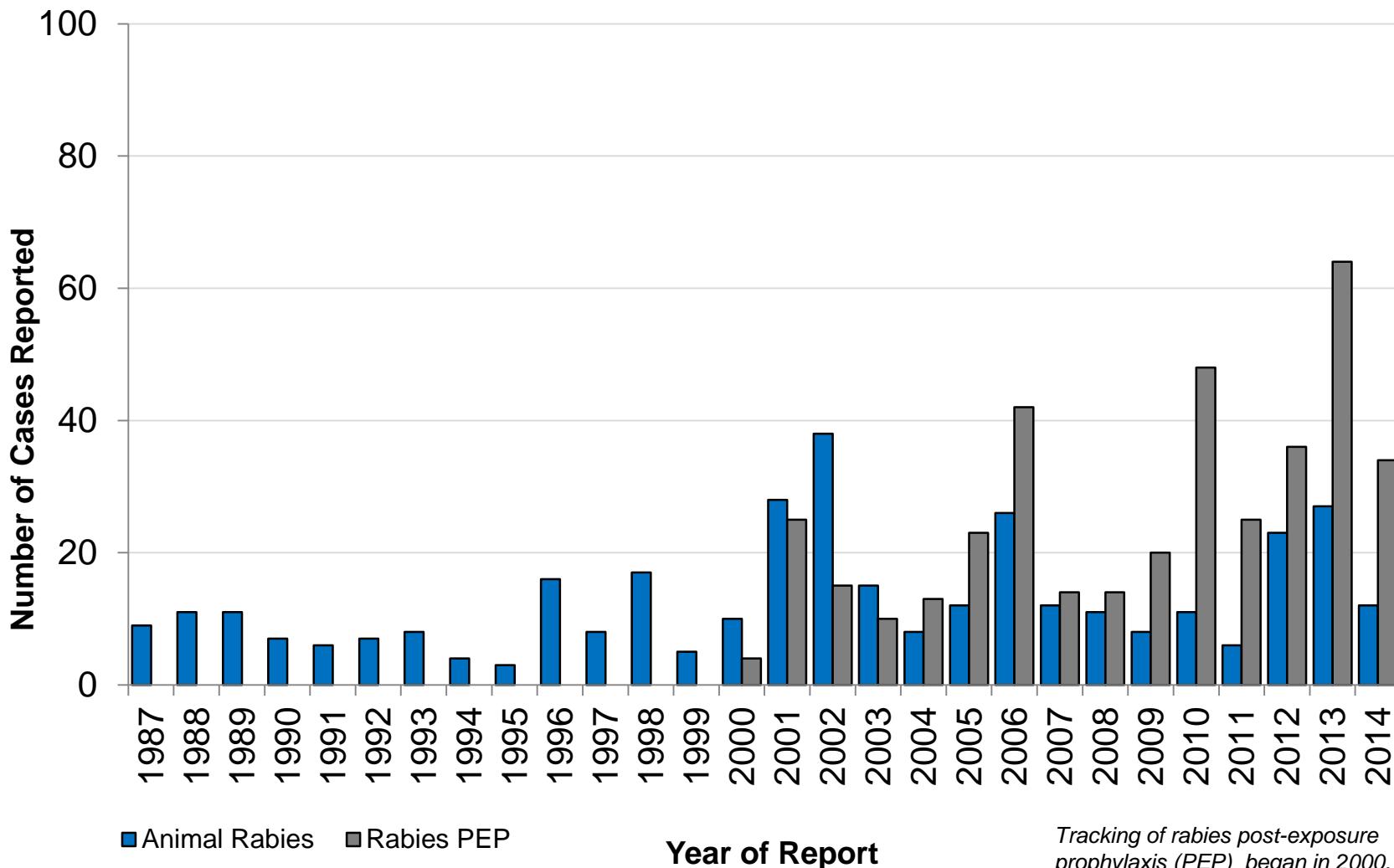
Q Fever

Cases: Idaho, 1987 - 2014



Rabies, Animal and PEP

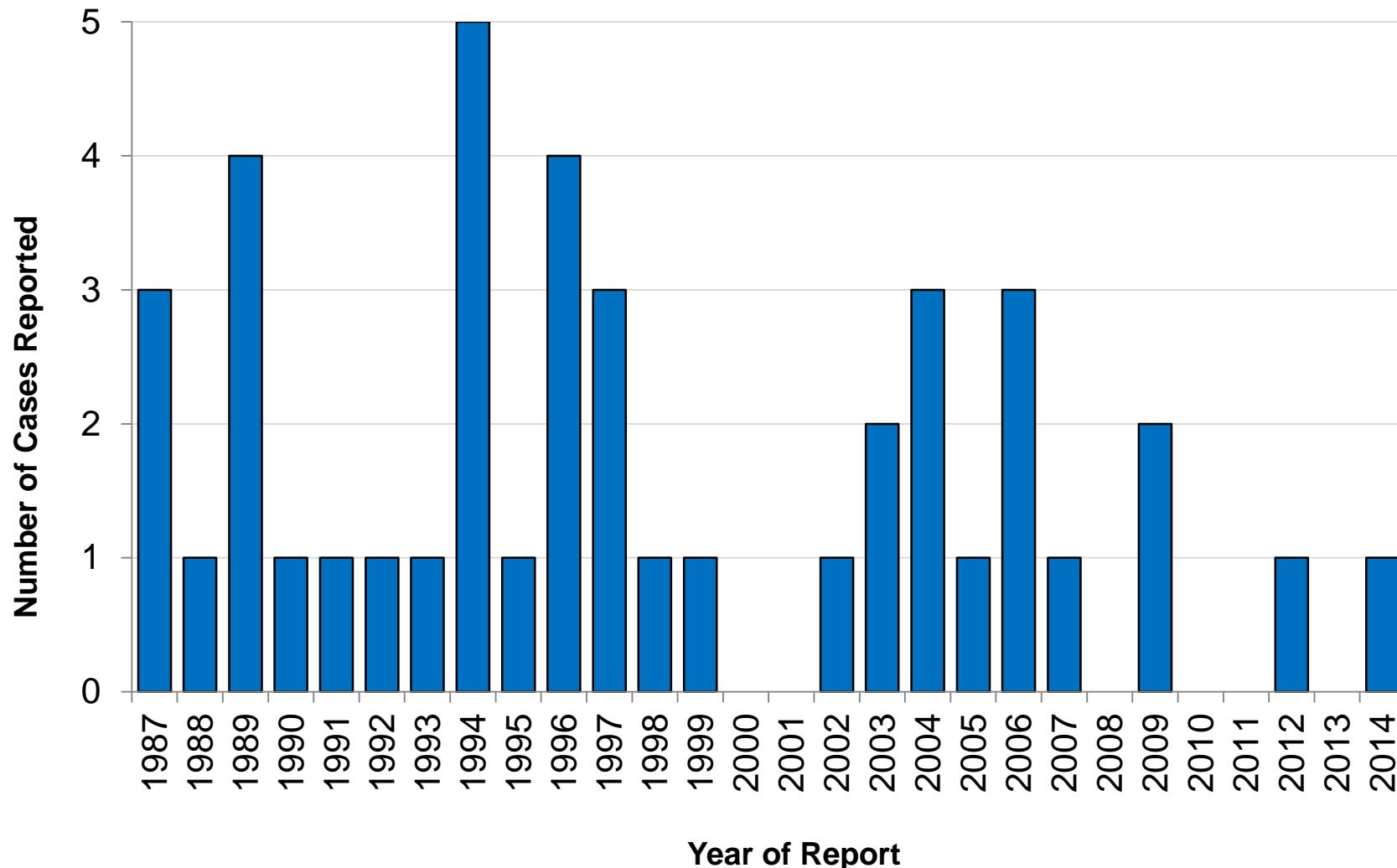
Cases by category: Idaho, 1987 - 2014



Tracking of rabies post-exposure prophylaxis (PEP) began in 2000.

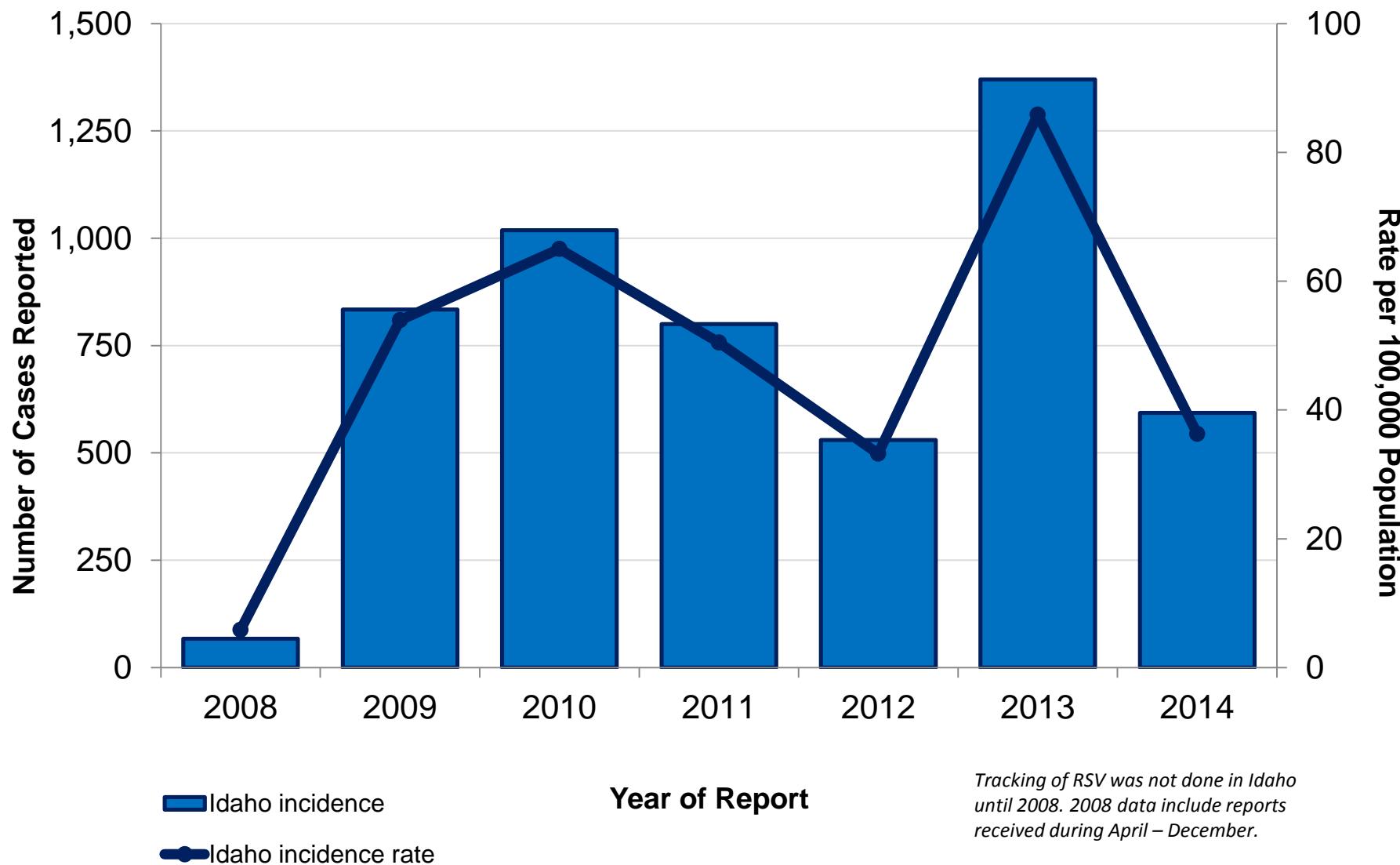
Relapsing Fever (tick- and louse-borne)

Cases: Idaho, 1987 - 2014



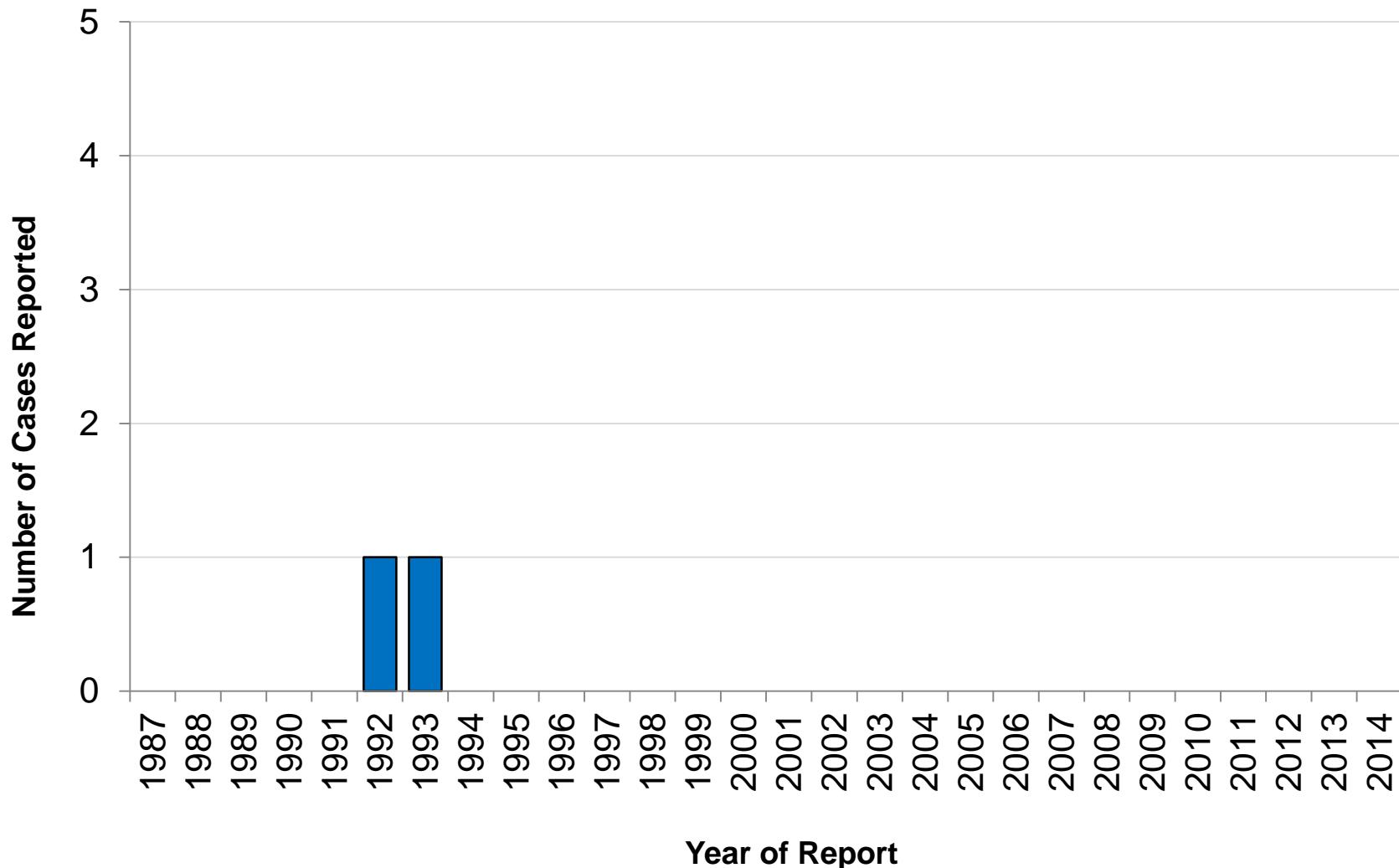
Respiratory Syncytial Virus (RSV)

Cases and rate of disease per 100,000 population: Idaho, 2008 - 2014



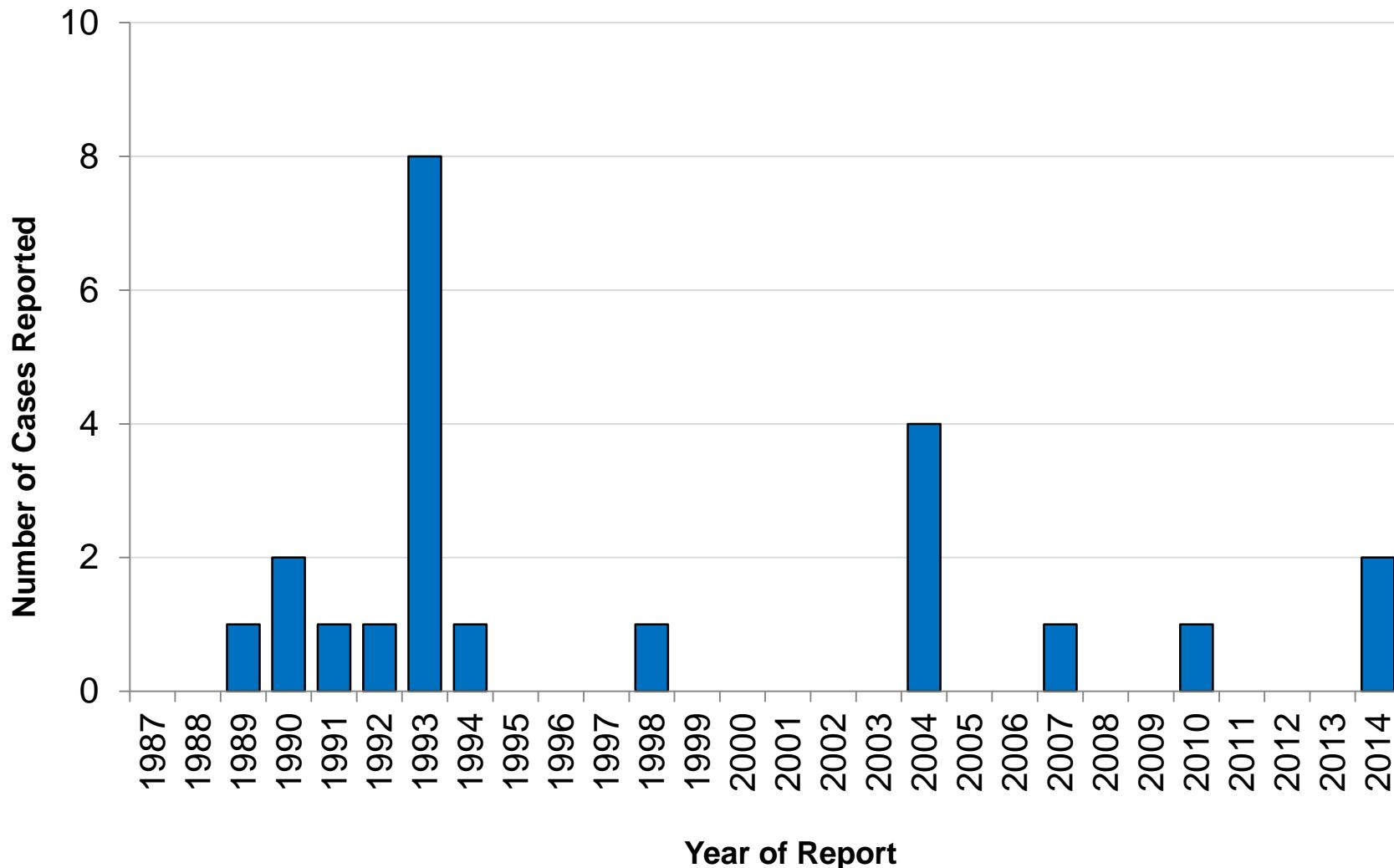
Reye Syndrome

Cases: Idaho, 1987 - 2014



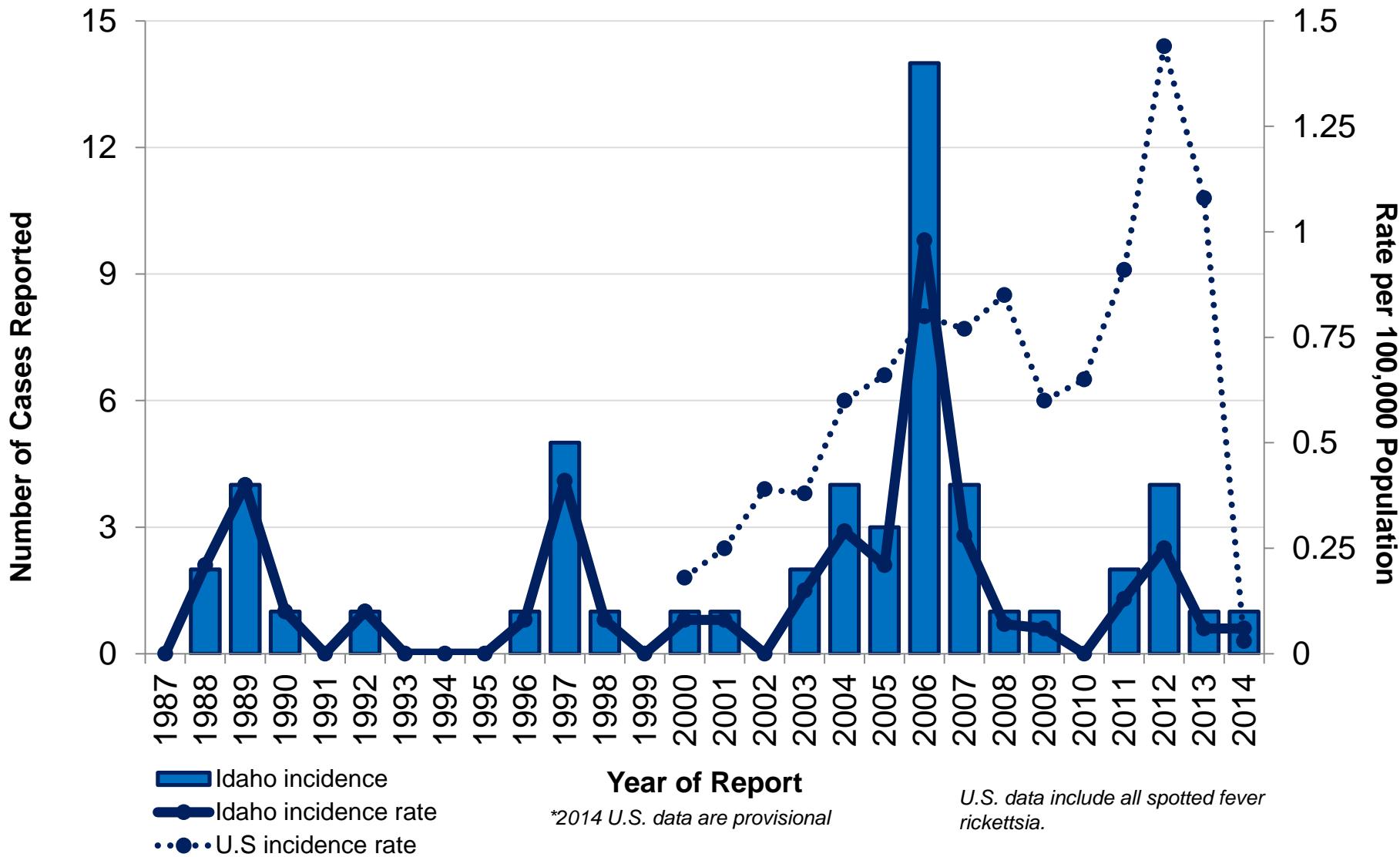
Rheumatic Fever, Acute

Cases: Idaho, 1987 - 2014



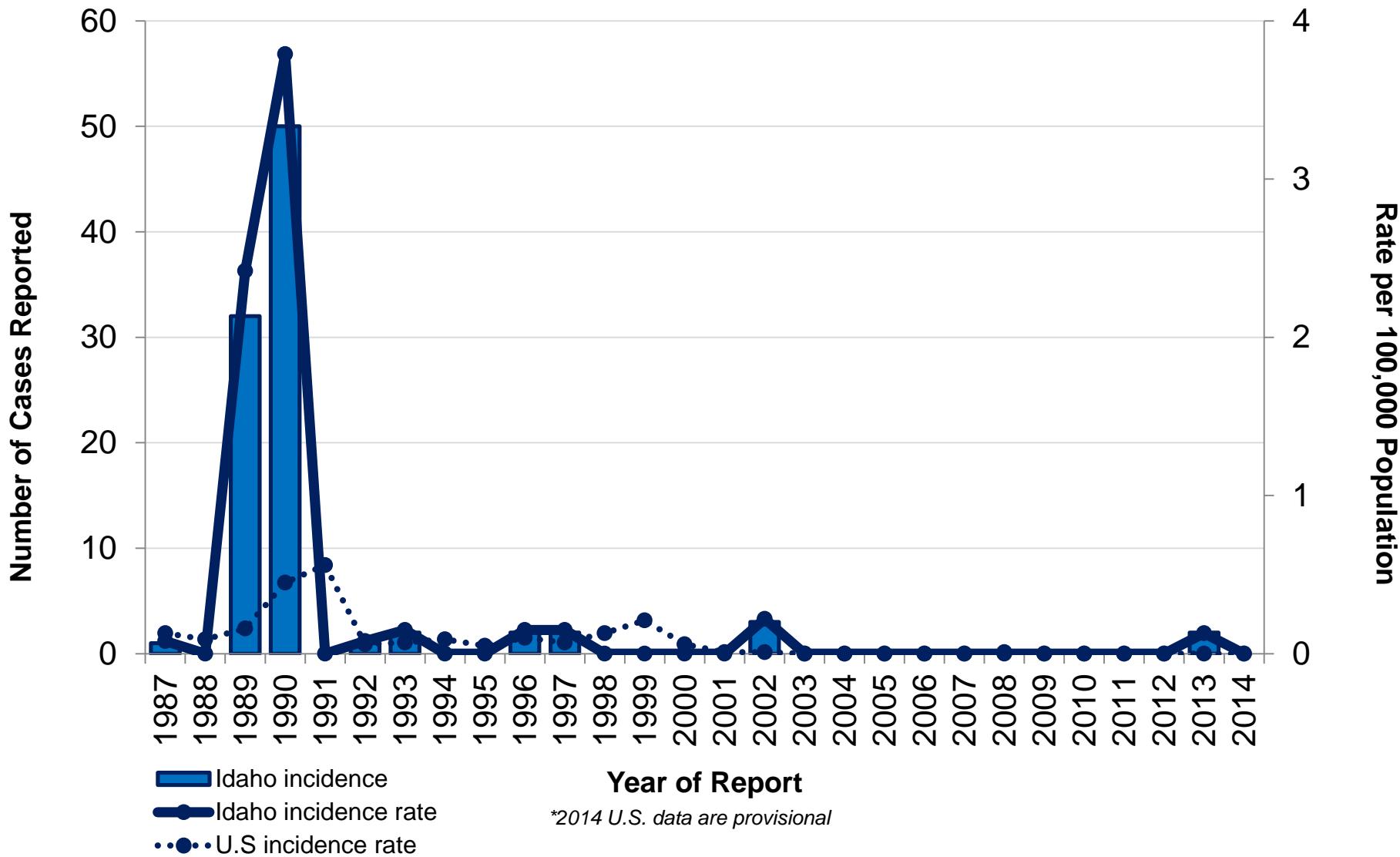
Rocky Mountain Spotted Fever

Cases and rate of disease per 100,000 population: Idaho and U.S., 1987 – 2014*



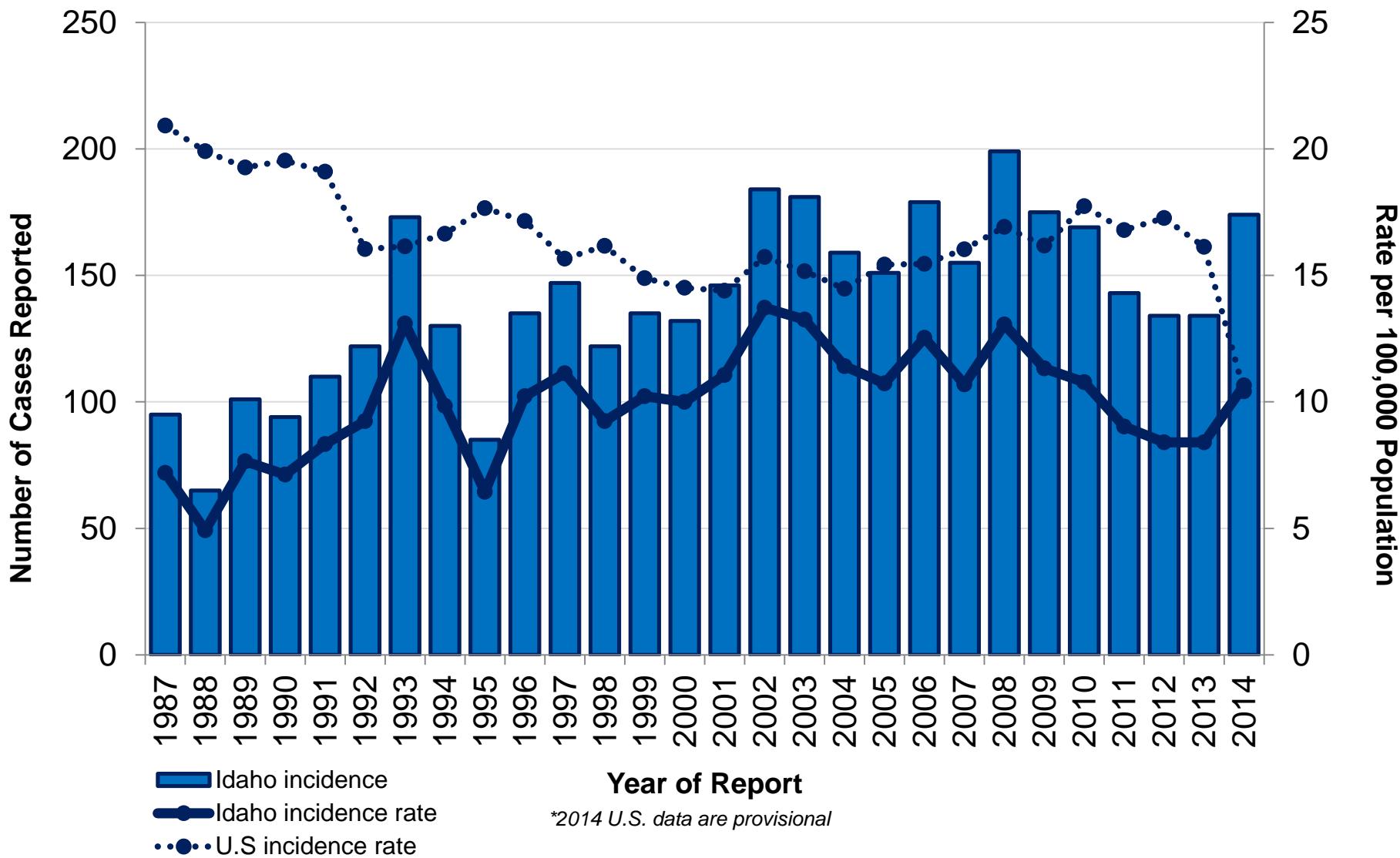
Rubella

Cases and rate of disease per 100,000 population: Idaho and U.S., 1987 – 2014*



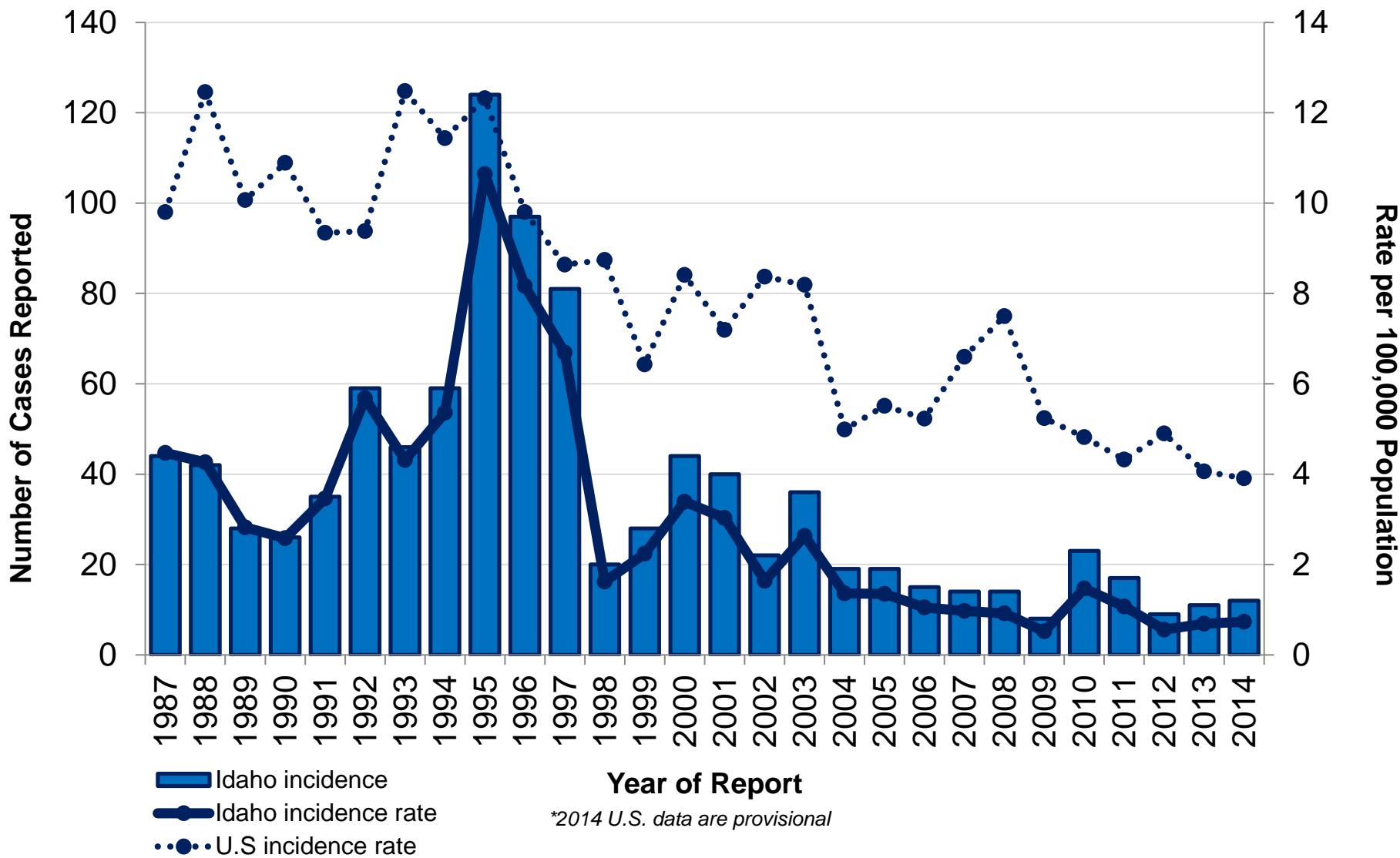
Salmonellosis

Cases and rate of disease per 100,000 population: Idaho and U.S., 1987 – 2014*



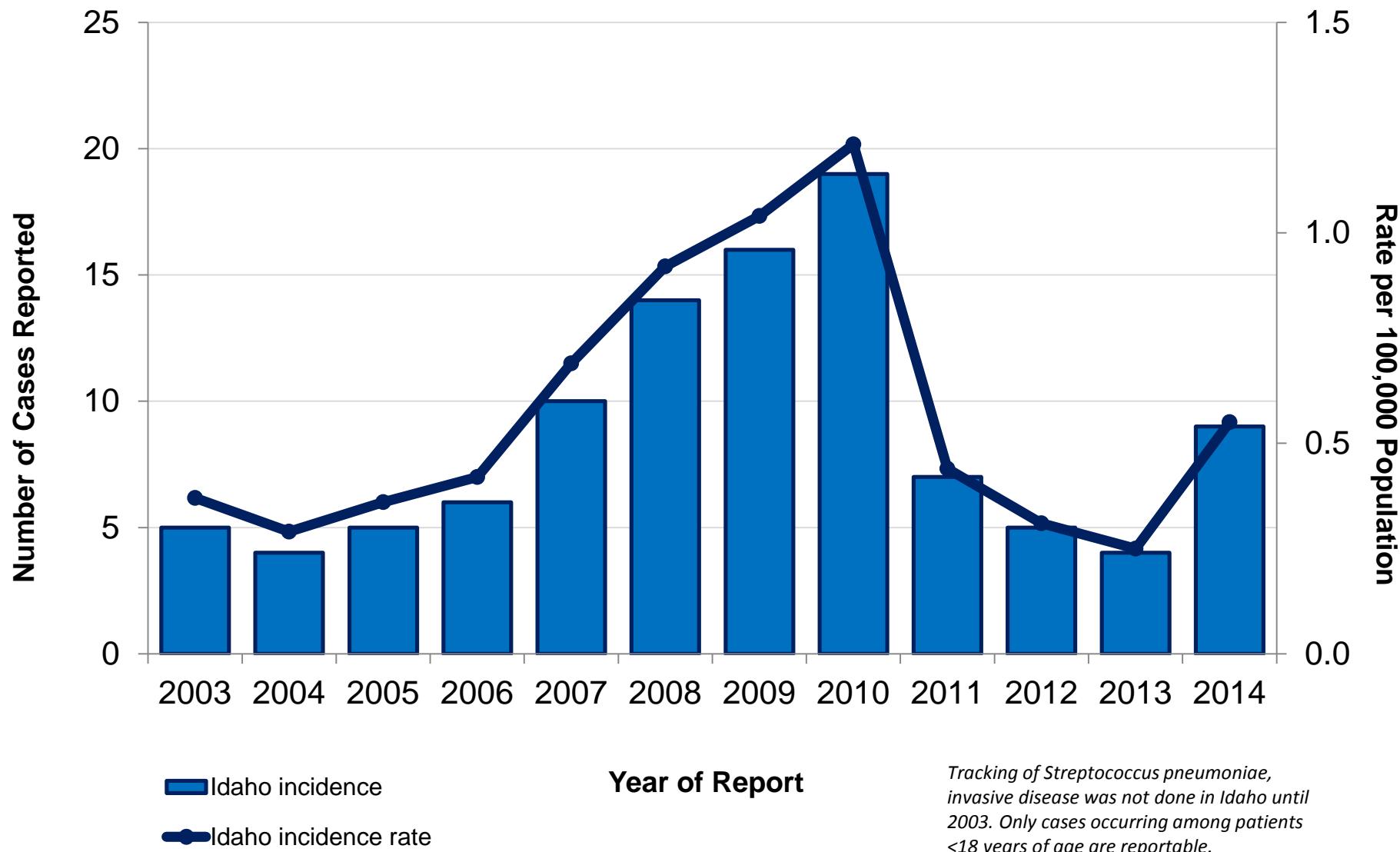
Shigellosis

Cases and rate of disease per 100,000 population: Idaho and U.S., 1987 – 2014*



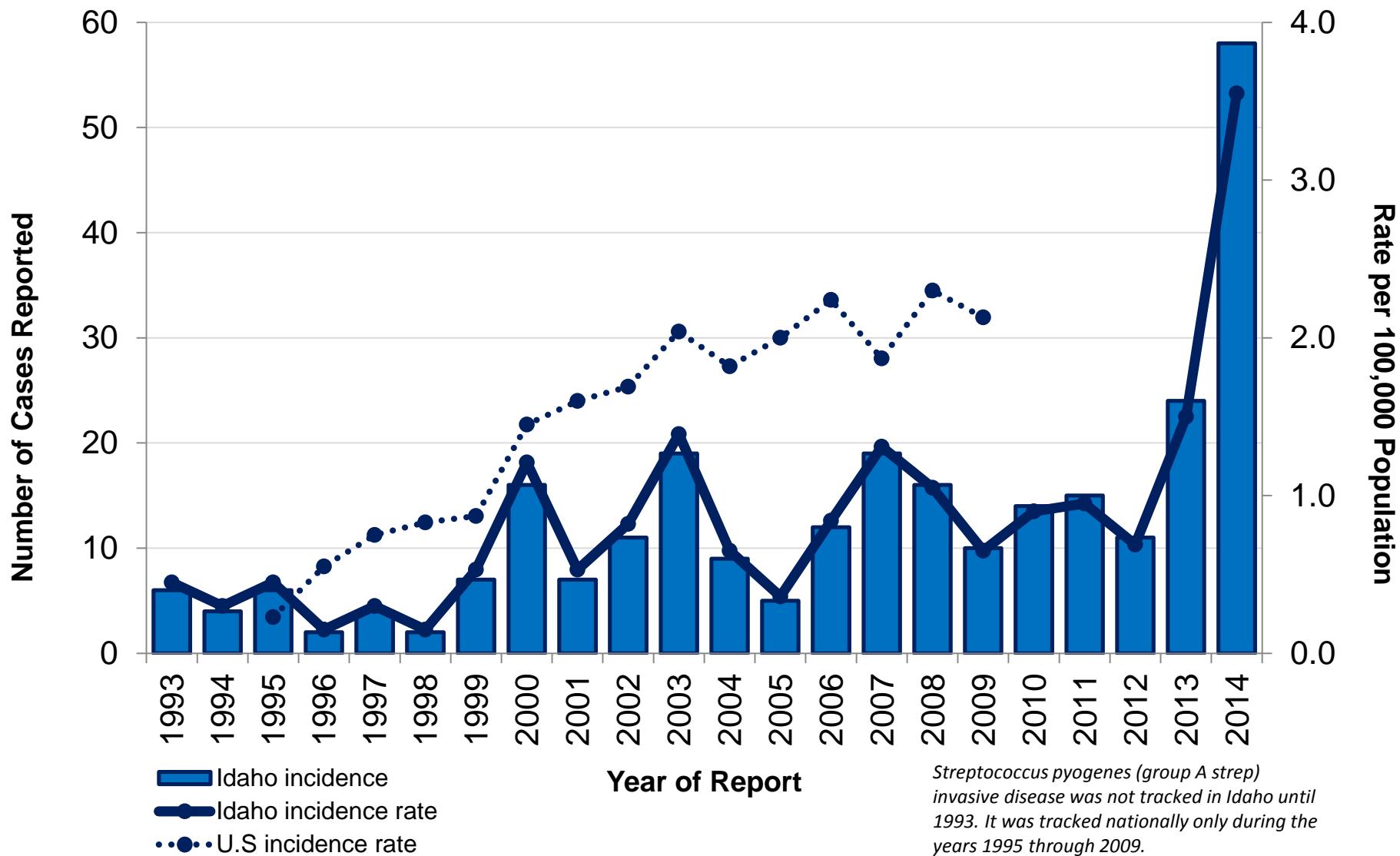
S. pneumoniae, Invasive

Cases and rate of disease among children per 100,000 population: Idaho, 2003 - 2014



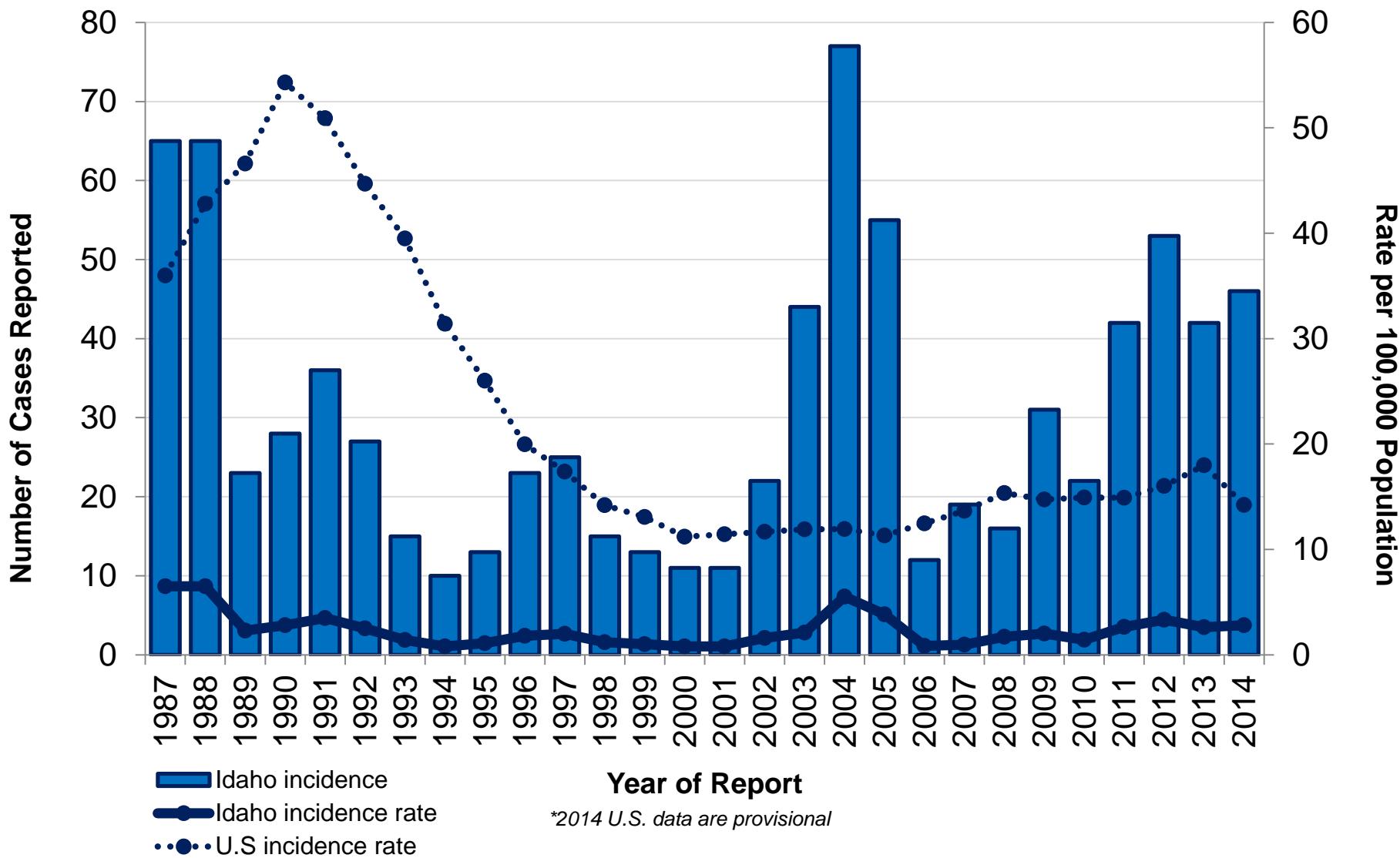
S. pyogenes (Group A Strep), Invasive

Cases and rate of disease per 100,000 population: Idaho and U.S., 1993 - 2014



Syphilis, All Stages

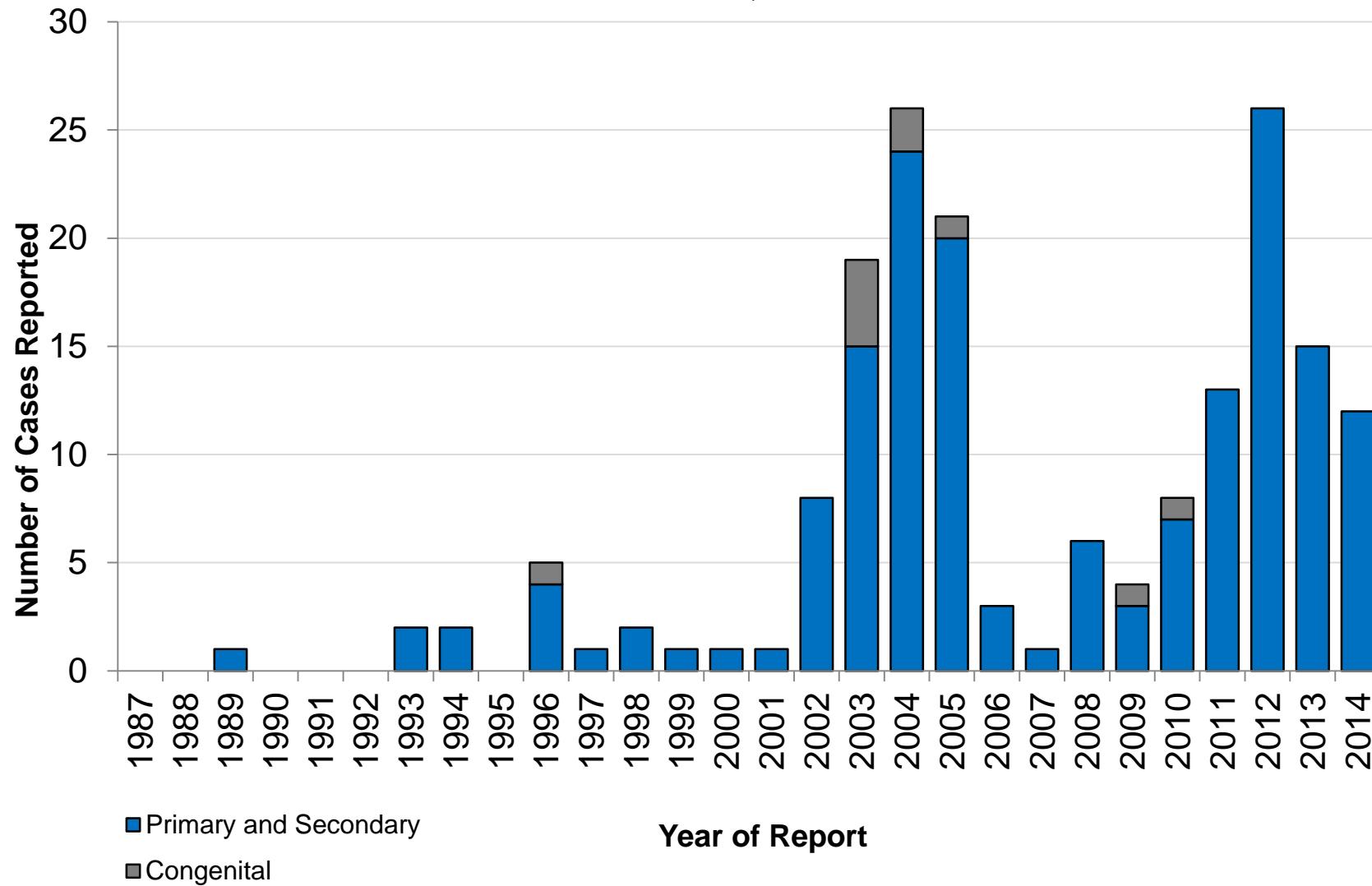
Cases and rate of disease per 100,000 population: Idaho and U.S., 1987 – 2014*



Syphilis

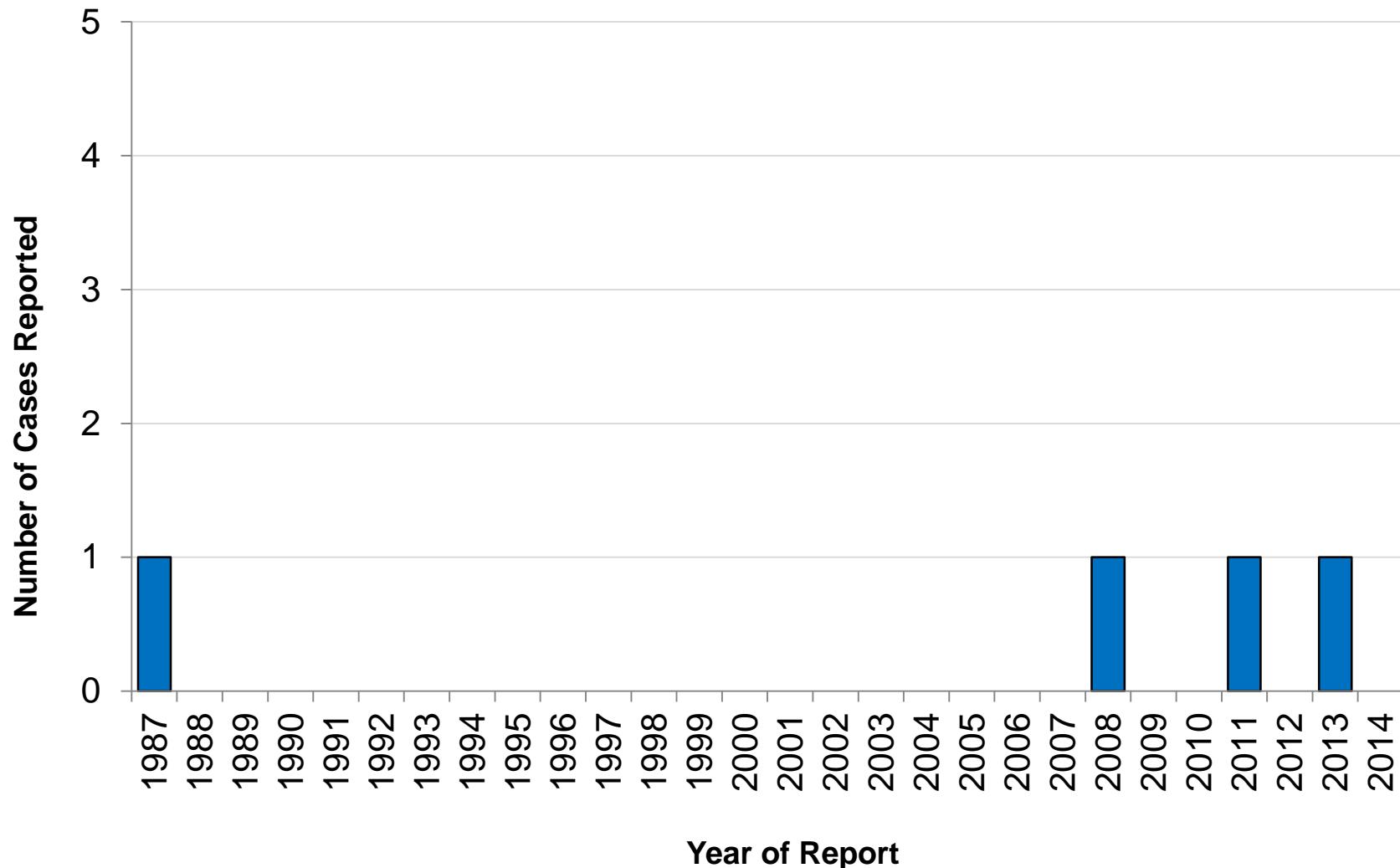
(primary, secondary, and congenital only)

Cases: Idaho, 1987 - 2014



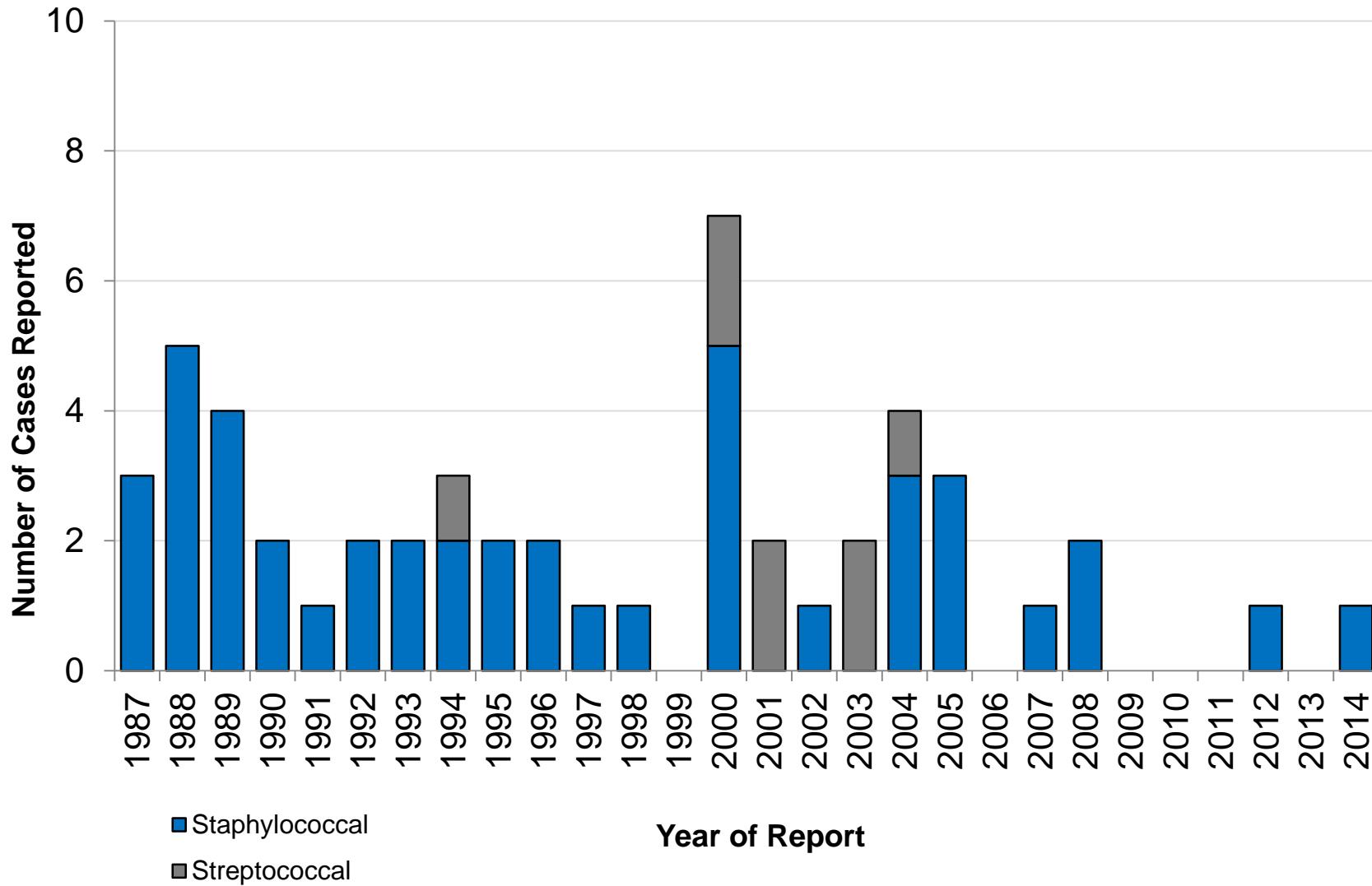
Tetanus

Cases: Idaho, 1987 - 2014



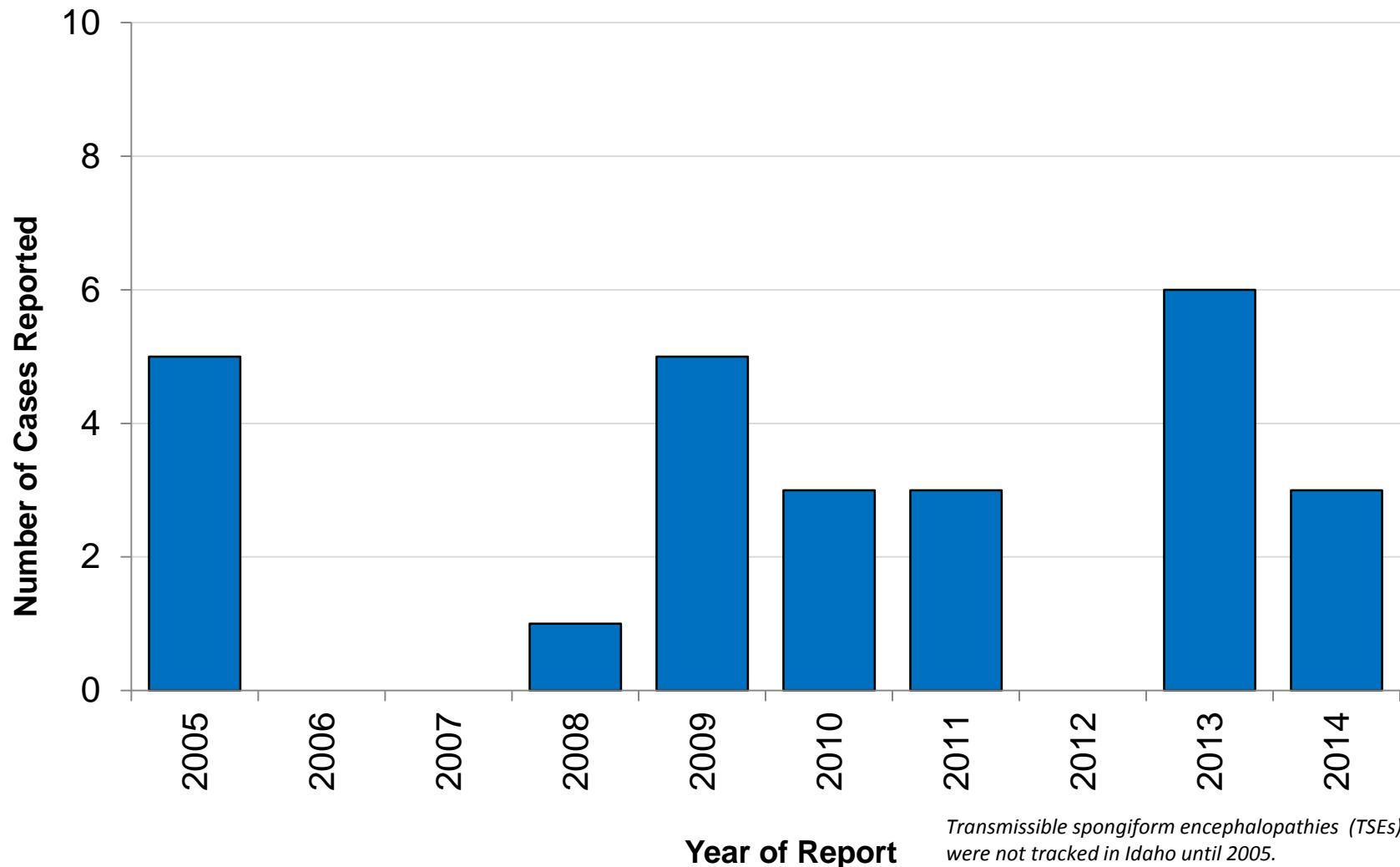
Toxic Shock Syndrome

Cases: Idaho, 1987 - 2014



Transmissible Spongiform Encephalopathies

Cases: Idaho, 2005 - 2014

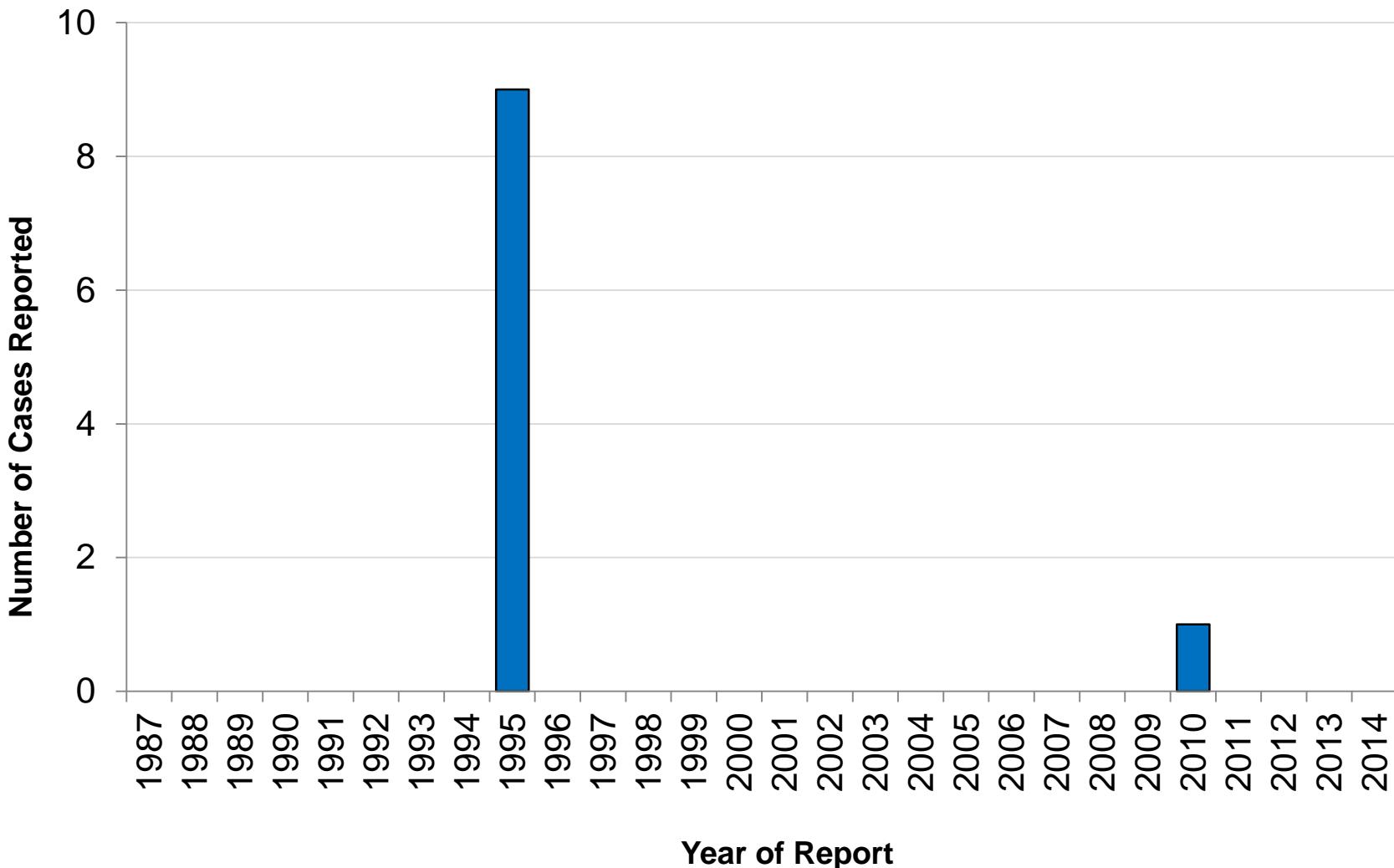


Transmissible spongiform encephalopathies (TSEs) were not tracked in Idaho until 2005.

Disease counts include cases reported to public health during the year and determined to be probable or confirmed TSE after review of clinical symptoms and/or laboratory confirmation.

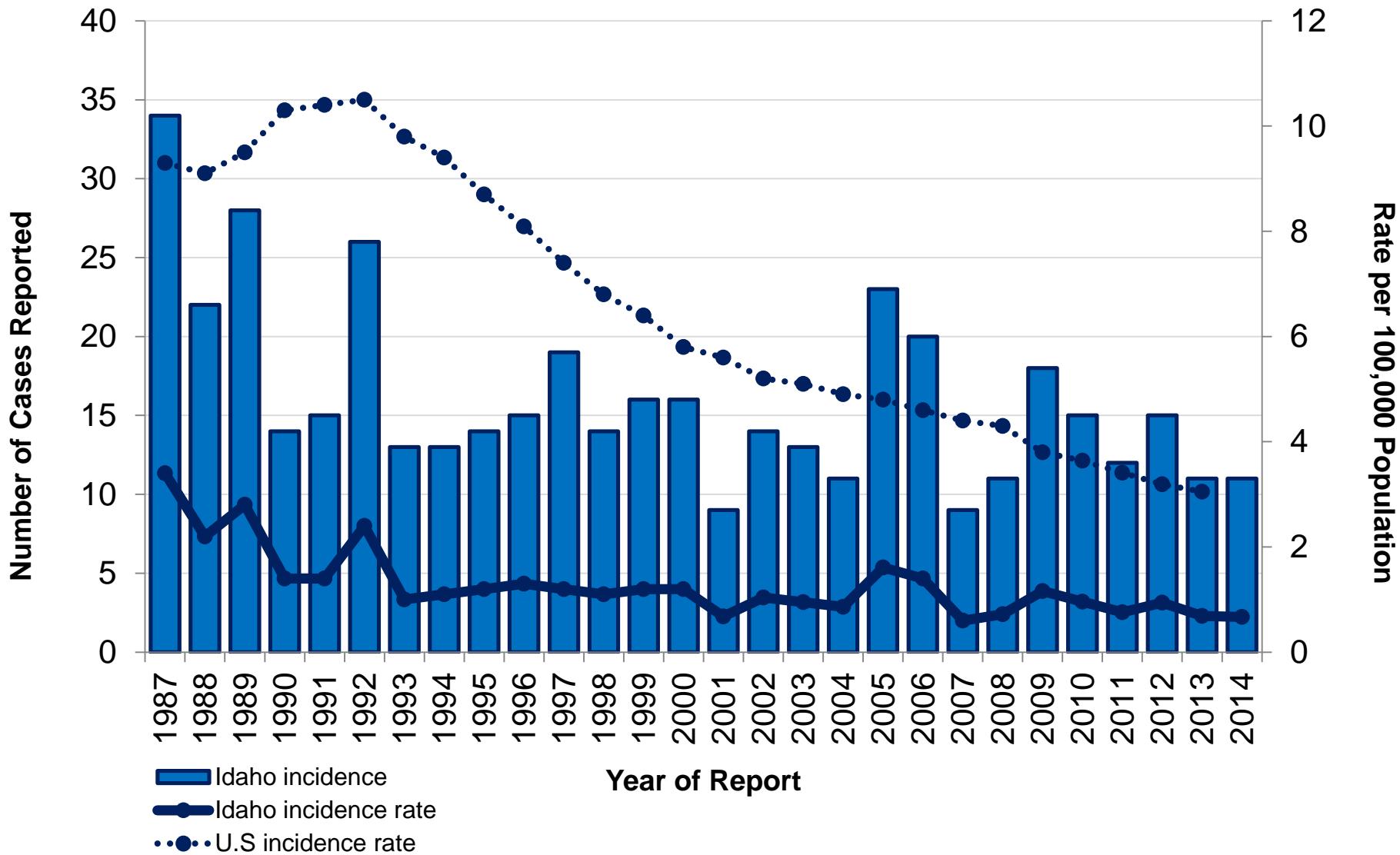
Trichinosis

Cases: Idaho, 1987 - 2014



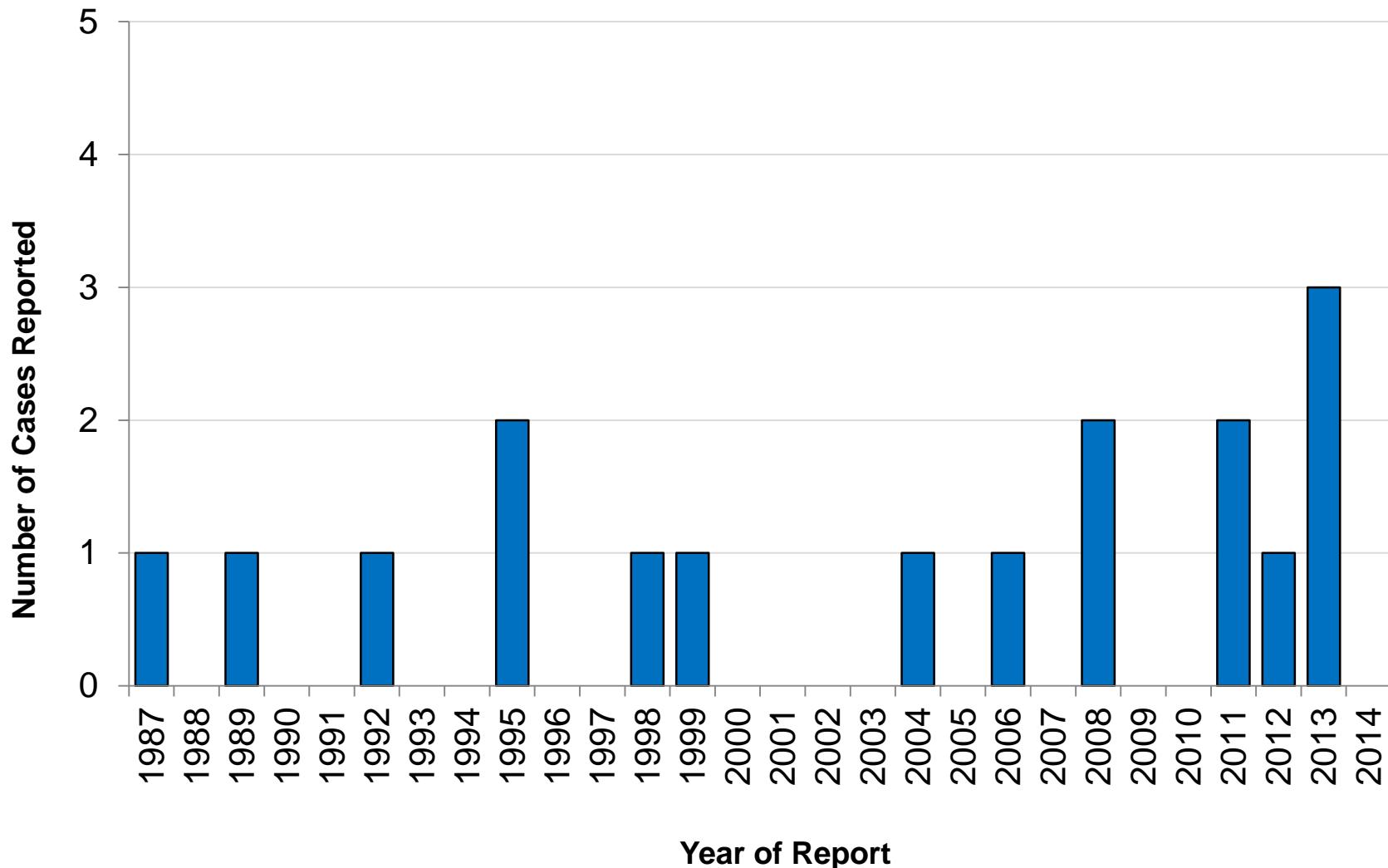
Tuberculosis

Cases and rate of disease per 100,000 population: Idaho and U.S., 1987 - 2014



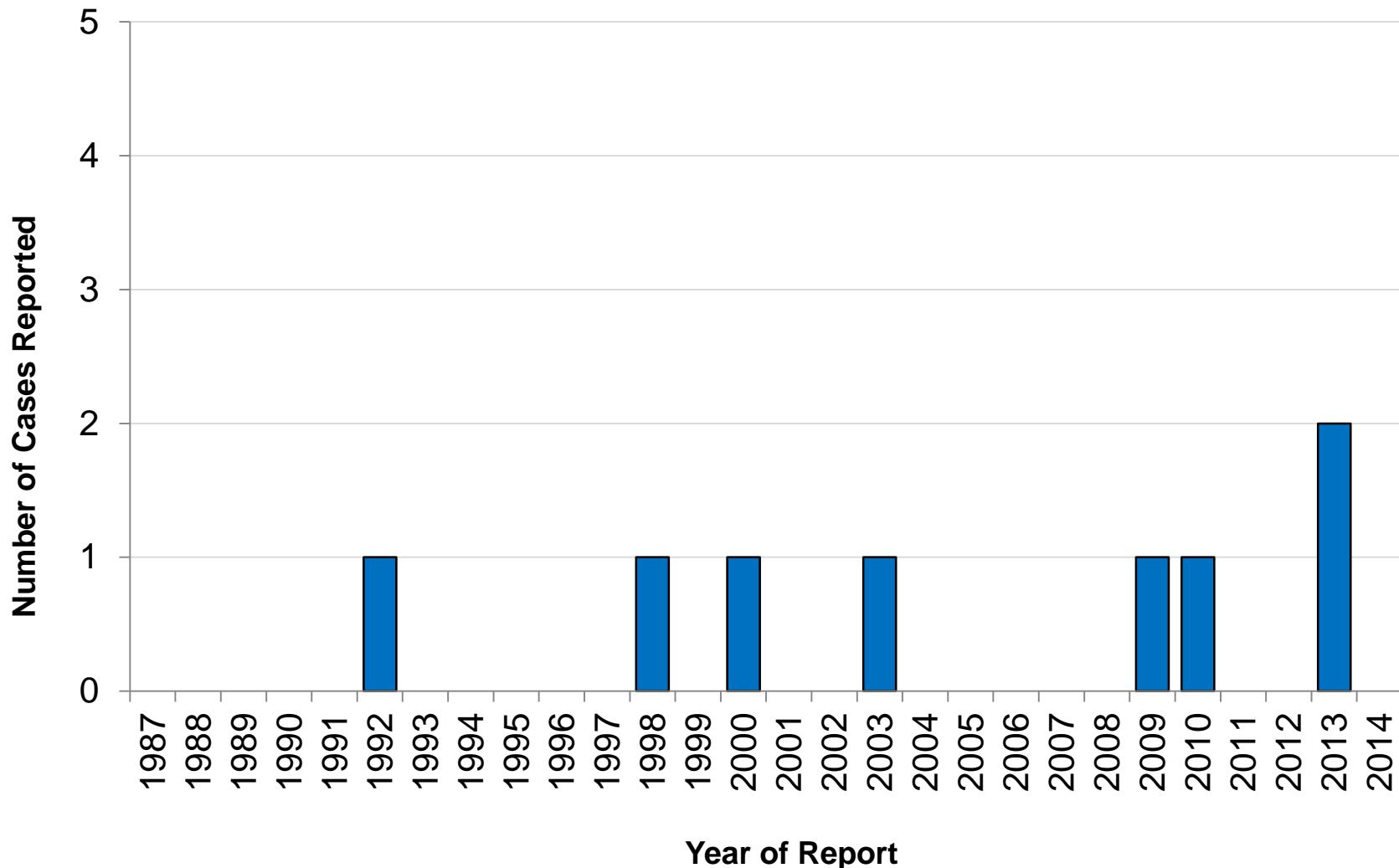
Tularemia

Cases: Idaho, 1987 - 2014



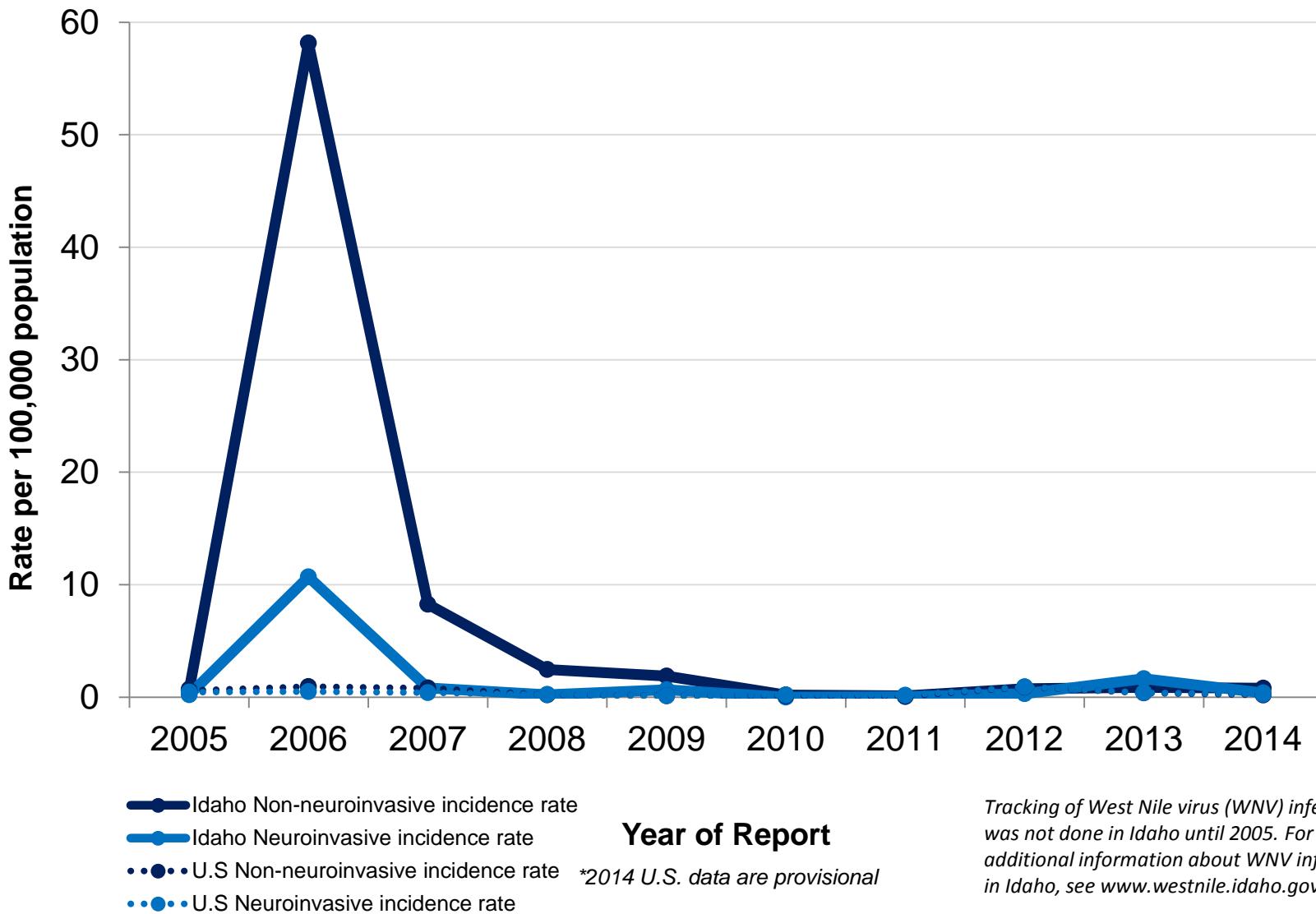
Typhoid Fever

Cases: Idaho, 1987 - 2014



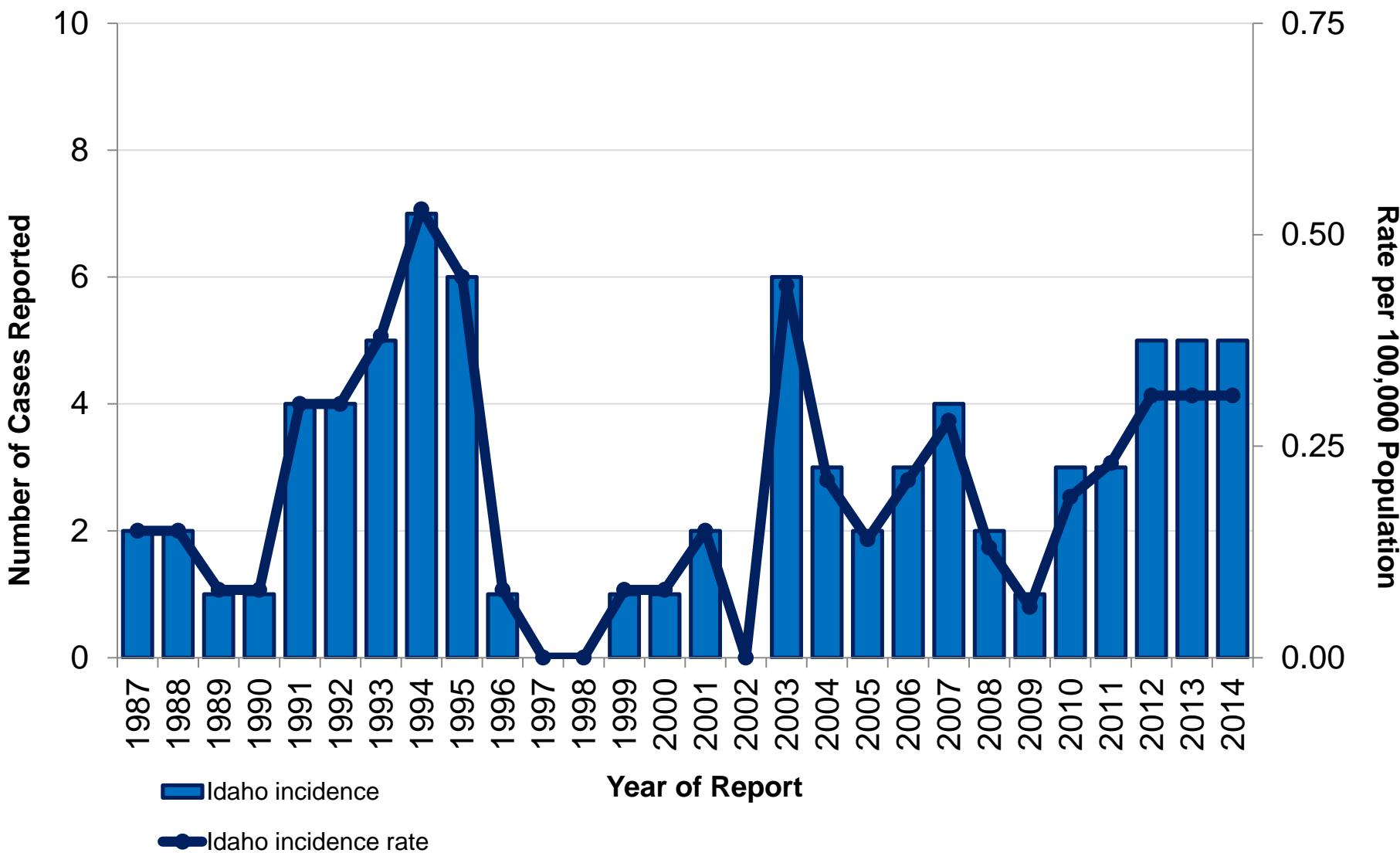
West Nile Virus Infections

Rate of disease per 100,000 population: Idaho and U.S., 2005 – 2014*



Yersiniosis

Cases and rate of disease per 100,000 population: Idaho, 1987- 2014



Reportable Diseases Without Graphs

- Cancer
 - Data available from the Cancer Data Registry of Idaho (CDRI) at: <http://www.idcancer.org/>
- Newborn screening abnormal findings
 - Biotinidase deficiency
 - Congenital hypothyroidism
 - Maple syrup urine disease
 - Galactosemia
 - Phenylketonuria
- Conditions without recent cases reported
 - Cholera
 - Human rabies
 - Smallpox
 - Severe Acute Respiratory Syndrome (SARS)
- Novel influenza A